

Environmental and Social Management Plan (ESMP)

Nepal Urban Governance and Infrastructure Project (NUGIP)

**Upgradation of different inter connected Road
(9.929Km)**

Triyuga Municipality
Udayapur District, Koshi Province
Nepal

March 2024

EXECUTIVE SUMMARY

Introduction

The upgrading of 9.929 Km length of different inter connected road sections of Triyuga municipality have different seven interconnected roads namely Gaighat town planning area road (1.534Km), City hall- Simaltar-Gaighat- Diktel road (2.86Km), Babarani DM Gate road (0.622Km), Fulchowk PG Chowk Road Bote Tole Triyuga Corridor road (0.90Km), City Hall- Ramchandra Basnet house road (0.255Km), Gaighat Shivalay Tole-Adarsha Tole-Ramailo Danda Manmohan School to Karamgachhi Diktel connecting road section (1.60Km), Pragati Tole kha (In front of Quarter) road to Sakela road ward 12 (2.158Km) which are interconnected each other through two highways. These roads are starts from highway (Sagarmatha and Madan Bhandari) and intersects in different locations of these two highways and ends at different locations. These roads pass through ward no 10, 11, 12 and 13 of Triyuga Municipality. The proposed subproject is located in plain area of inner Terai and passes mainly through mixed land use having urban settlement and cultivated land. The project alignment does not run through ecologically sensitive area such as protected area, conservation area, wetland, national parks etc.

Baseline Information

The subproject is located in plain area of inner Terai at the average altitude of 192.668 masl with an average yearly temperature is 17.42°C (63.36°F) as well as average annual precipitation of sub project area is 131.8mm. The altitude of the municipality is ranges from 70m to 2509m from sea level. The proposed road alignment lies in the Sub Himalayan range. The alluvial river deposit is the most predominant along the road alignment. Road alignment does not cross any major rivers. Most of the area of present land use of Triyuga Municipality includes forest 76%, cultivated land 20%, barren land 2% and river 2%. In the proposed road alignment and Right of Way (RoW), there is no landslide/flood area and other disaster-prone area. The air and noise quality of surrounding areas is affected by the local city vehicles as well as Highway vehicles. The Noise and air quality of project area were tested and found within government standards. During the construction of the road, vehicular circulation along the road is likely to be disturbed. Trees like Pipal (*Ficus religiosa*), Banana-kvare (*Musa acuminata Colla*), Supari (Areca Catechu), Sissoo (*Dalbergia Sissoo*), Mango (*Magnifera indica*), Bakaino (*Melia azadirach*), Ashoka (*Saraca asoca*), Amba (*Psidium guajava*) and Banana (*Musa balbisiana*) are found in the project area.

The total population of Triyuga Municipality is 102,725 and total household is 25623. The average household size of the Municipality is 4.01 which is lower than that of district household size (4.20). The male and female population of the municipality is 48,463 and 54,262 respectively and sex ratio is 89.31. The total population and household of project affected wards - ward 10, 11, 12 and 13, is 33,958 and 8,618 respectively. The average household size of the project wards is 3.95. Total male population of the project wards is 15,971 and total female population of the project wards is 17,987. The sex ratio of the project wards 88.84. The project area is inhabited by Brahmin, Chhetri, Chaudhary/Tharu, Rai, Magar, Newar, Pariyar, Biswokarma, Muslim, Bote, Majhi, Danuwar, Sharki and Mushar. In terms of religion, Hindus. Christians and Buddist reside in these communities. There is presence of mixed groups and cluster of groups of castes in the project area. The indigenous peoples in project area are Chaudhary/Tharu, Rai, Magar, Newar, Bote, Majhi, and Danuwar. The total households along the road alignment are 882nos. The majority of the people of this area are involved in business, agricultural work and foreign employment. Water supply pipelines of Triyuga small town water supply committee provides drinking water supply in this area but there is no any integrated wastewater disposal

system in the municipality. Within the construction width of the road, there is 167 nos. of electric poles identified for relocation. There are few issues related to the GBV, SEA/SH were identified from field survey and records of nearby Police Office. Necessary mitigation programs have been planned and will implement during construction of sub project. The most prioritized issues on violence for planning of mitigation program are Domestic violence (physical and mental abuse), child marriage and sexual violence/ rape.

Legal and Regulatory Requirements

The sectoral and cross-sectoral guidelines and standards promulgated by the Government of Nepal (GoN) in various periods are adequate to mainstream the environmental and social safeguard dimensions in the project preparation and implementation phases. The report has included the applicable GoN plan, policies, act, regulations, guidelines, and standards. Similarly, the report has also included the environmental and social Safeguard requirements of the World Bank.

Screening, Scoping, Impact identification, Prediction and Management

The Direct Impact area of the project is considered as the 20m, 18m, 12m, 10m and 8m RoW for different interconnected roads of the proposed subproject for the entire length of the road. Similarly, the indirect impact falls within 50 meters from the edge of the RoW. Environmental and social checklists were used for screening and summarizing the overall impacts. The site-specific impacts in construction and operation phases are included in the ESMP report. Some of the impacts include:

Beneficial Impacts from the Project Implementation

This sub-project prioritizes hiring from the local community, especially those facing economic hardship, poor and belonging to ethnic minorities. It creates jobs, strengthens local businesses, and improves accessibility. Resident participation fosters valuable skills and employability, leading to personal growth. Furthermore, enhanced road infrastructure connects residents to markets, social services, and opportunities, ultimately improving their quality of life. Efficient transportation benefits education, healthcare, tourism, and the broader socio-economic landscape. Additionally, an expanded network may increase land values, further enriching the community.

Adverse Impacts from the Project Implementation

Increase in construction workers could overwhelm local services like roads, water, and sanitation. Dust, noise, and water pollution from construction activities may degrade the environment. Stockpiled materials and solid waste can erode soil during construction and operation. Traffic and rainwater runoff might erode nearby agricultural land. The operation of this road may result in expansion of settlement area and market which may increase encroachment of RoW. Similarly, the increase in dust, smoke and smoke of vehicles can increase air and noise pollution to some extent.

Mitigation Measures

The report proposes various measures to enhance benefits and mitigate adverse impacts, aiming to make this project environmentally friendly. Local people specially poor and vulnerable will be given priority for employment opportunities. Necessary measures like water spray during construcion, air, noise monitoring, water sample testing will be taken to reduce the adverse effects on environment. The workers will be insured

and provided with first aid facilities, separate camps and safety equipments like PPE. Provision of safe, clean and hygienic workplace and adequate WASH facilities at campsite. Code of Conduct to be implied for the workforce. For plantation on edge of the road, local species of plant will be given priority. Appropriate bio/civil engineering structures will be adopted to protect the environment. Proper drainage system will be provided to prevent accumulation of water on the nearby agricultural lands during operation. Adequate road safety measures like information and warning signs, diversion during construction will be managed to minimize road accident. Water supply pipelines, and electrical poles to be reinstated without delay.

Sexual exploitation/Assault/Harassment Prevention and response Action Plan

Based on the SEA/SH Risk Assessment checklist and assessment carried out for NUGIP by the World Bank, the Project's SEA/SH risks are assessed to be "Low". An SEA/SH Risk Mitigation Action Plan has been developed for NUGIP based on this assessment and includes specific measures that aim to prevent and mitigate GBV, in particular SEA/SH risks that the project activities might trigger. The Plan has also addressed "Table – 1: Recommended actions to address SEA/SH Risks in IPF Projects" as per the "Good Practice Note" published by the World Bank in September 2018.

Environment and Social Management Plan

The Environmental and Social Management Plan (ESMP) has been proposed with this report including issues identified, possible effects and impacts, measures for their mitigation, monitoring methods. The mitigation cost for environmental and social impacts in construction phases are included in report. In addition, agencies responsible for executing environmental and social mitigation measures and monitoring have been identified in the ESMP. Different monitoring indicators on the physical, biological, socio-economic and cultural environment have also been identified and presented in tabular form. The project along with the stakeholders will monitor during construction and operation phase.

Project-related grievances will be addressed through grievance redress mechanism (GRM) established for the project for the uptake and timely response on stakeholders' query and concerns about sub project. The committee can be provided with grievances through any of the mediums like written, verbal, telephone, letter, etc. and the committee will process it following the procedures of the project, and if not solvable, it will be forwarded to the higher level of GRM. Also, for mitigation of GBV, SEA/SH present with in the project area, the necessary orientation, workshops and trainings has been proposed in this ESMP report.

Institutional arrangements

The Ministry of Urban Development (MoUD) has set up a Project Coordination Office (PCO) under the Department of Urban Development and Building Construction (DUDBC) to implement NUGIP. The PCO is responsible for overall project compliance including compliance with environmental and social measures. The PCO will be supported by a Project Management Support Team (PMST). A Project Implementation Unit (PIU) will be established in Triyuga Municipality for implementation of the subproject at the local level and will be responsible for implementation of the ESMP and other environmental and social instruments. Technical Assistance will be provided through a Design and Supervision Consultancy (DSC) which includes safeguards specialists.

कार्यकारी सारांश

परिचयः

त्रियुगा नगरपालिकाको विभिन्न अन्तरसम्बन्धित सडकखण्डको ९.९२९ किलोमिटर लम्बाइको गाईघाट नगर योजना क्षेत्र सडक (१.५३४ किमी), सिटीहल-सिमलटार-गाईघाट-दिक्तेल सडक (२.८६ किमी), बबरानी डिएम गेट सडक (०.६२२ किमी), फुलचोक पीजी चोक सडक बोटे टोल त्रियुगा करिडोर सडक (०.९० किमी), सिटी हल-रामचन्द्र बस्नेत घर सडक (०.२५ किमी), गाईघाट शिवालय टोल-आदर्श टोल-रमाईलो डाँडा मनमोहन स्कुलदेखि करमगाछी दिक्तेल जोड्ने सडक खण्ड (१.६० किमी), प्रगति टोल ख (क्वार्टर अगाडि) सडकदेखि साकेला सडक वडा नं १२ (२.१५८ किमी) गरी सात वटा अन्तरसम्बन्धित सडक स्तरोन्नति कार्य गर्नको लागि प्रस्ताव गरिएको छ। प्रस्तावित सडकहरू दुइवटा राजमार्गबाट एकअर्कासँग जोडिएका छन् । यी सडकहरू सगरमाथा र मदन भण्डारी राजमार्ग बाट सुरु भएर यी दुई राजमार्गका विभिन्न स्थानहरू पार गर्दै जान्छन् र विभिन्न स्थानहरूमा समाप्त हुन्छन्। यो सडक त्रियुगा नगरपालिकाको वडा नं. १०, ११, १२ र १३ हुँदै जान्छ । सगरमाथा र मदन भण्डारी राजमार्गको सङ्गमस्थलमा रहेको व्यापारिक क्षेत्र गाईघाट बजार हुँदै र मिश्रित भू-उपयोग, ग्रामीण बस्ती हुँदै यि उप-आयोजना जान्छ । प्रस्तावित उप-आयोजनाको सबै खण्ड समतल क्षेत्रमा अवस्थित छ र बस्ती र कृषि भूमि हुँदै जान्छ। यस आयोजनाको बाटोको वरिपरिका वस्तीका स्थानीयहरूको जिवनस्तर र जीविकोपार्जनमा सुधार ल्याउनेछ। संरक्षित क्षेत्र, संरक्षण क्षेत्र, सिमसार क्षेत्र, राष्ट्रिय निकुञ्ज जस्ता पारिस्थितिकीय दृष्टिले संवेदनशील क्षेत्रमा आयोजना पर्दैन ।

विद्यमान अवस्था :

यो उपआयोजना तराईको समथर भू-भागमा समुद्री सतहबाट १९२.६६८ मि. उचाईमा अवस्थित छ। आयोजना क्षेत्रको नगरपालिकाको औसत वार्षिक तापक्रम १७.४२ डिग्री सेल्सियस रहेको छ साथै औसत वार्षिक वर्षा १३१.८ मिलिमिटर रहेको छ । यस नगरपालिकाको उचाई समुन्द्री सतहदेखि ७० मिटर देखि २५०९ मिटर सम्म रहेको छ। प्रस्तावित सडक एलाइनमेन्ट सब हिमालयन रेन्जमा पर्छ । सडक एलाइनमेन्टले कुनै पनि प्रमुख नदीहरू पार गर्दैन। यस नगरपालिकाको हालको भूउपयोगको अधिकांश क्षेत्रफल वन ७६ प्रतिशत, खेतीयोग्य जमिन २० प्रतिशत, बाँझो जमिन २ प्रतिशत, र पानीको क्षेत्र २ प्रतिशत रहेको छ । प्रस्तावित सडक एलाइनमेन्ट र सडकको क्षेत्राधिकारमा पहिरो/बाढी तथा अन्य विपद् जोखिम युक्त क्षेत्र छैन । आयोजना क्षेत्रको हावामा स्थानिय सवारी साधनवाट असर पर्ने र उक्त सवारीसाधन वाट ध्वनिमा असर पर्ने भएपनि ध्वनि गुणस्तर सीमा भित्रनै रहेको पाइएको छ । परियोजना क्षेत्रको आवाज र हावाको परिक्षण गर्दा सरकारी मापदण्ड भित्र नै रहेको पाइएको छ । सडक निर्माणको क्रममा सो सडकमा सवारी साधनको आवागमनमा बाधा पुग्ने सम्भावना रहन्छ । पिपल, केरा, बकाइनो, आसोका र अम्बा उप आयोजना क्षेत्रमा पाइने प्रमुख रुख प्रजातिहरू हुन्।

त्रियुगा नगरपालिकाको कुल जनसङ्ख्या १०२७२५ रहेको छ भने कुल घरधुरी २५६२३ रहेको छ। नगरपालिकाको औसत घरधुरी को आकार ४.०१ छ जुन जिल्लाको परिवारको आकार (४.२०) भन्दा कम छ। यस नगरपालिकाको पुरुष र महिलाको जनसङ्ख्या क्रमशः ४८,४६३ र ५४,२६२ रहेको छ भने लिंग अनुपात ८९.३१ रहेको छ । आयोजना प्रभावित वडा नम्बर १०, ११, १२ र १३ को कुल जनसंख्या र घरधुरी क्रमशः ३३,९५८ र ८६१८ रहेको छ । उप आयोजना पर्ने वार्डहरूको औसत

घरको आकार ३.९५ छ। आयोजना संचालन हुने वडाहरूको कुल पुरुष जनसंख्या १५९७१ र महिला कुल जनसंख्या १७९८७ रहेको छ । परियोजना संचालन हुने वडाहरूको लिंग अनुपात ८८.८४ रहेको छ ।

आयोजना क्षेत्रमा ब्राह्मण, क्षेत्री, चौधरी/थारू, राई, मगर, नेवार, परियार, विश्वकर्मा, मुस्लिम, बोटे, माझी, दनुवार, सार्की र मुसहरको बसोबास छ । धर्मको हिसाबले हिन्दू, इसाई र बुद्धिस्ट समुदायहरू बसोबास गर्छन्। उप-आयोजना क्षेत्रमा जातजातिको मिश्रित समूहको उपस्थिति रहेको छ। आयोजना क्षेत्रमा चौधरी/थारू, राई, मगर, नेवार, बोटे, माझी र दनुवार आदिवासी जनजाति बसोबास गर्दछन्। यस सडकखण्डमा ८८२ घरधुरी रहेका छन्। यस क्षेत्रका अधिकांश मानिसहरू मुख्यतया जीविकोपार्जनका लागि कृषिमा आधारित काम, व्यापार, श्रमिक र वैदेशिक रोजगारीमा संलग्न छन्। त्रियुगा साना नगर खानेपानी समितिको खानेपानी पाइपलाइनबाट यस क्षेत्रमा खानेपानी आपूर्ति भए पनि एकीकृत फोहरमैला व्यवस्थापन प्रणाली छैन ।। सडक निर्माण हुने क्षेत्र भित्र रहेको १६७ वटा विद्युतको पोल सार्नु पर्ने देखिन्छ। यौन शोषण तथा दुर्यवहार, लैङ्गिक हिंसा सम्बन्धित केही विषयहरू फिल्ड सर्भ र नजिकैको प्रहरी कार्यालयको रेकर्डबाट पहिचान गरिएको थियो। घरेलु हिंसा (शारीरिक तथा मानसिक दुर्यवहार), बालविवाह र यौन हिंसा/बलात्कार आयोजना प्रभावित क्षेत्रमा बिध्यमान रहेको छ।

ऐन तथा नीति, नियमको आवश्यकता

नेपाल सरकारले विभिन्न समयमा जारी गरेका विषयगत तथा बहुविषयगत निर्देशिका तथा मापदण्डहरू आयोजना तयार गर्न तथा कार्यान्वयन चरणहरूमा वातावरणीय एवम् सामाजिक सुरक्षण आयामहरू मूल प्रवाहीकरण गर्न यथेष्ट छन् । यस प्रतिवेदनले सम्बन्धित नेपाल सरकारका योजना, नीति, ऐन, नियम, निर्देशिका एवम् मापदण्डहरू समेटेको छ । त्यसैगरी यस प्रतिवेदनले विश्व बैंकको वातावरणीय तथा सामाजिक मापदण्डहरू पनि समेटेको छ।

वर्गीकरण, क्षेत्र निर्धारण, प्रभाव पहिचान, अनुगमन र व्यवस्थापन

सडकको सम्पूर्ण लम्बाइका लागि प्रस्तावित उप-आयोजनाका विभिन्न अन्तरसम्बन्धित सडकका लागि आयोजनाको प्रत्यक्ष प्रभाव क्षेत्र २० मिटर, १८ मिटर, १२ मिटर, १० मिटर र ८ मिटर सडकको क्षेत्राधिकारलाई मानिएको छ । त्यस्तै, अप्रत्यक्ष प्रभाव सडकको क्षेत्राधिकारको किनाराबाट ५० मिटरभित्र पर्छ। प्रभावहरूको वर्गीकरण तथा संक्षेपीकरण गर्न वातावरणीय तथा सामाजिक चेकलिष्ट प्रयोग गरिएको छ । निर्माण र संचालन चरणहरूमा साइट-विशिष्ट प्रभावहरू यस प्रतिवेदनमा समावेश गरिएको छ। । केही प्रभावहरू निम्नानुसार छन्।

उप आयोजना कार्यान्वयनबाट पर्ने सकारात्मक प्रभाव

यस उप आयोजनाले गरिब, जातीय अल्पसङ्ख्यक र विपन्न स्थानीयका लागि रोजगारीलाई प्राथमिकता दिई स्थानीय बासिन्दाका लागि रोजगारीको अवसर सिर्जना तथा आर्थिक सशक्तीकरणमा योगदान गर्नेछ । अन्य लाभकारी प्रभावहरूमा स्थानीय व्यवसायको वृद्धि, सुधारिएको पहुँच र मानिसहरूको सीप विकास समावेश छ। निर्माणमा सक्रिय रूपमा भाग लिने स्थानीय व्यक्तिहरूले बहुमूल्य सीप र अनुभव प्राप्त गर्छन्। यी सीपहरूले उनीहरूको व्यक्तिगत विकास र रोजगारमा योगदान पुर्‍याउँछ। सडक पूर्वाधारले बजार र सामाजिक सेवाहरूमा पहुँच बढाउन महत्वपूर्ण भूमिका खेल्छ। सुधारिएको यातायात सुविधाले यस क्षेत्रका बासिन्दाहरूको लागि जीवनको राम्रो गुणस्तरको नेतृत्व गर्दछ। कुशल यातायात प्रणालीको उपलब्धताले शिक्षा, स्वास्थ्य सेवा, पर्यटन र अन्य सामाजिक-आर्थिक क्षेत्रमा सकारात्मक प्रभाव पार्न सक्छ। यसबाहेक,

विस्तारित सडक सञ्जालले स्थानीय समुदायलाई फाइदा पुऱ्याउँदै जमिनको मूल्य वृद्धि गर्न योगदान पुऱ्याउँछ। उपआयोजनाको गतिविधिहरूको परिणाम स्वरूप कुनै भौतिक वा आर्थिक विस्थापन हुने अपेक्षा गरिएको छैन।

उप आयोजना कार्यान्वयनबाट पर्नसक्ने नकरात्मक प्रभावहरु

निर्माण कर्महरूको अचानक वृद्धिले सार्वजनिक पूर्वाधार जस्तै सडक, खानेपानी आपूर्ति, परियोजना क्षेत्रको सरसफाइमा असर पार्न सक्छ। धुलो, ध्वनि र निर्माण मेसिनरीबाट निस्कने उत्सर्जनले वातावरणीय प्रदूषणमा योगदान पुऱ्याउन सक्छ। सवारी आवागमन, सडकको छेउछाउको नालीमा बगेको पानीले छेउछाउको खेतीयोग्य जमिनमा माटो कटान हुन सक्छ। यो सडक सञ्चालनमा आएपछि बस्ती क्षेत्र र बजार को विस्तार हुन सक्छ जसले सडकको क्षेत्राधिकारको अतिक्रमण बढाउन सक्छ। त्यस्तै सवारी साधनको धुलो, धुवाँ र धुवाँको वृद्धिले वायु र ध्वनि प्रदूषणलाई केही हदसम्म बढाउन सक्छ।

प्रभाव न्यूनीकरणका उपायहरु

वातावरणीय र सामाजिक प्रभावलाई कम गर्न र निर्माण प्रक्रियाको सुरक्षा र दक्षता सुनिश्चित गर्न यस उप आयोजना निर्माणको लागि न्युनीकरण उपायहरु आवश्यक छन्। प्रतिवेदनले यस परियोजनालाई वातावरणमैत्री बनाउने उद्देश्यले लाभ बढाउन र प्रतिकूल प्रभावहरु कम गर्न विभिन्न उपायहरु प्रस्ताव गरेको छ। रोजगारीका अवसरका लागि स्थानीय जनतालाई प्राथमिकता दिइनेछ। वातावरणमा पर्ने प्रतिकूल प्रभावलाई न्यूनीकरण गर्न आवश्यक कदम चालिनेछ। कामदारको बीमा गरी प्राथमिक उपचार सुविधा र पीपीईजस्ता सुरक्षा सामग्री उपलब्ध गराइनेछ। कामदारहरूलाई आचार संहिता लागू गरिनेछ। वातावरणीय संरक्षण र सामाजिक सुरक्षण सम्बन्धी जनचेतनामूलक कार्यक्रम सञ्चालन गरिनेछ। आयोजनामा १६ वर्षभन्दा कम उमेरका बालबालिकालाई काम लगाउन निषेध गरिनेछ। सडकको किनारामा बृक्षारोपणको लागि स्थानीय जातका बिरुवालाई प्राथमिकता दिइनेछ। वातावरण संरक्षण गर्न र सडकको छेउछाउका ढलानहरूलाई यथास्थितिमा स्थिर गर्न उपयुक्त बायो/सिभिल इन्जिनियरिङ संरचनाहरु अपनाइनेछ। सञ्चालनका क्रममा नजिकैको खेतीयोग्य जमिनमा पानी जम्न नदिन ढल निकासको उचित व्यवस्था मिलाइनेछ। सडक दुर्घटना न्यूनीकरणका लागि पर्याप्त सडक सुरक्षाका उपायहरु जस्तै सूचना र चेतावनी संकेतहरु स्थापना गरिनेछ।

यौन शोषण तथा दुर्वसन एवम् दुर्व्यवहार रोकथाम तथा सम्बोधन कार्य योजना

विश्व बैङ्कले नेपाल शहरी शासकीय तथा पूर्वाधार उपआयोजनाको लागि गरिएको यौनिक शोषण, दुर्वसन एवम् यौन दुर्व्यवहार जोखिम मूल्याङ्कनमा आधारमा यस आयोजनाको SEA/SH जोखिमको "न्यून" मूल्याङ्कन गरेको छ। यस मूल्याङ्कनमा आधारित भई आयोजनाको लागि SEA/SH निरोध तथा सम्बोधन कार्ययोजना आयोजनाको लागि SEA/SH रोकथाम तथा सम्बोधन कार्ययोजना बनाइएको छ। यसमा उपआयोजनाको कार्यक्रमले सिर्जना गर्न सक्ने SEA/SH जोखिमहरु निषेध एवम् रोकथाम तथा न्यूनीकरण गर्ने उद्देश्यका निश्चित व्यवस्थाहरु समावेश गरिएका छन्। यस योजनाले तालिका-१; विश्व बैङ्कले सेप्टेम्बर २०१८ मा प्रकाशित "असल अभ्यास नोट" अनुसार IPF परियोजनाहरूमा SEA/SH जोखिमहरूलाई सम्बोधन गर्न सुझाएको कार्यहरु लाई पनि समावेश गरेको छ।

वातावरण तथा सामाजिक व्यवस्थापन योजना

पहिचान गरिएका मुद्दाहरू, सम्भावित प्रभावहरू, तिनीहरूको न्यूनीकरणका उपायहरू, अनुगमन विधिहरू सहित यो वातावरणीय र सामाजिक व्यवस्थापन योजना रिपोर्ट प्रस्तावित गरिएको छ। निर्माण र सञ्चालन चरणहरूमा वातावरणीय र सामाजिक प्रभावहरूको लागि न्यूनीकरण लागत प्रतिवेदनमा समावेश गरिएको छ। यसबाहेक पर्यावरणीय र सामाजिक न्यूनीकरण उपायहरू कार्यान्वयन गर्न र अनुगमनको लागि जिम्मेवार एजेन्सीहरू यस वातावरणीय र सामाजिक व्यवस्थापन योजनामा पहिचान गरिएको छ। भौतिक, जैविक, सामाजिक, आर्थिक र सांस्कृतिक वातावरण सम्बन्धी विभिन्न अनुगमन सूचकहरू पनि पहिचान गरिएको छ। आयोजनाले पुनर्निर्माण र सञ्चालनको चरणमा सरोकारवालासँग मिलेर अनुगमन गर्नेछ। सरोकारवालाको जिज्ञासा र चासोको उठान र समयमै जवाफ दिनका लागि गुनासो निवारण संयन्त्र (GRC) मार्फत आयोजनासँग सम्बन्धित गुनासाहरूको सम्बोधन गरिनेछ। गुनासो समितिलाई लिखित, मौखिक, टेलिफोन, पत्र आदि कुनै पनि माध्यमबाट गुनासो उपलब्ध गराउन सकिन्छ र समितिले परियोजनाको प्रक्रिया अनुसार आवश्यक प्रक्रिया गर्नेछ र समाधान हुन नसकेमा माथिल्लो तहमा पठाउनेछ। उपआयोजना निर्माणका क्रममा GBV, SEA/SH जोखिमहरूलाई आवश्यक न्यूनीकरण गर्न योजना बनाइ आवश्यक सचेतना तथा तालिमहरूको व्यवस्था गरिएको छ।

संस्थागत व्यवस्था

आयोजना कार्यान्वयन गर्न शहरी विकास मन्त्रालयले शहरी विकास तथा भवन निर्माण विभाग अन्तर्गत एउटा आयोजना समन्वय कार्यालय स्थापना गरेको छ। वातावरणीय तथा सामाजिक विधिको साथै सम्पूर्ण विधिहरू पालना सम्बन्धी जिम्मेवारीको जवाफदेहिता आयोजना समन्वय कार्यालयमा रहने छ। आयोजना समन्वय कार्यालयलाई एउटा आयोजना व्यवस्थापन सहयोग टोलीले सहयोग गर्नेछ। उपआयोजनाहरूको वातावरणीय तथा सामाजिक व्यवस्थापन योजना कार्यान्वयन स्थानीय तहमा गर्न र तथा अन्य वातावरणीय एवम् सामाजिक संयन्त्रहरूको कार्यान्वयनका जिम्मेवार हुने गरी नगरपालिकामा एक आयोजना कार्यान्वयन इकाइ स्थापना गरिनेछ। सुरक्षण विशेषज्ञ सहितको डिजाइन तथा सुपरिवेक्षक परामर्शदाता मार्फत प्राविधिक साहायता पुऱ्याइनेछ।

Acronym

BoQ	: Bill of Quantity
CBS	: Central Bureau of Statistics
CESMP	: Construction Environment and Social Management Plan
CoC	: Code of Conduct
Ch	: Chainage
DPR	: Detailed Project Report
DSC	: Design and Supervision Consultant
DUDBC	: Department of Urban Development & Building Construction
EA	: Environmental Assessment
EHS	: Environment, Health and Safety
EPR	: Environmental Protection Rule
ESMP	: Environmental and Social Management Plan
FGD	: Focus Group Discussion
ILO	: International Labor Organization
NUGIP	: Nepal Urban Governance and Infrastructure Project
OHS	: Occupational Health & Safety
OP/BP	: Operational Policy/Bank Policy
PCO	: Project Coordination Office
PIM	: Project Implementation Manual
PIU	: Project Implementation Unit
PPE	: Personal Protective Equipment
RoW	: Right of Way
SEA/SH	: Sexual Exploitation and Abuse/Sexual Harassment
STD	: Sexually Transmitted Disease
WB	: World Bank
WASH	: Water, Sanitation and Hygiene

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1. PROJECT INTRODUCTION

The Department of Urban Development and Building Construction (DUDBC) under Ministry of Urban Development (MoUD) of Government of Nepal has been executing the Nepal Urban Governance and Infrastructure Project (NUGIP) within the strategic framework for urban development envisaged in National Urban Development Strategy since the fiscal year 2077/78 B.S. The Project Development Objective (PDO) of NUGIP is to strengthen institutional capacity in participating municipalities for strategic municipal infrastructure and service delivery. In particular, NUGIP will aim at: a) improving access to core municipal services (includes expansion of coverage, and construction and rehabilitation of basic infrastructure systems, e.g., urban roads & storm water drainage etc) in participating municipalities; b) strengthening planning, budgeting and implementation systems for municipal service delivery; and c) strengthening municipal finances and financial management systems.

The DPR of **Upgradation Works of different interconnected road (9.929Km) sections** in Triyuga Municipality has been prepared as per the contract between the Office of the Municipal Executive of Triyuga Municipality; Nepal Urban Governance and Infrastructure Project (NUGIP) (Client) and JV of Bosphorous Technical Consulting Corp (BOTEK) and GOEC Nepal P. Ltd which have entered into the agreement, for performing work REF No: NP-DUDBC-216329-CS-QCBS to provide services on Detailed Engineering Design and Construction Supervision (DSC) covering the upgradation and rehabilitation works. The project is expected to contribute towards the municipal capacity for urban development planning, infrastructure development and institutional development of the municipality together with the improvement of livelihood of the local people along the settlement.

The study for Environmental and Social Management Plan (ESMP) of Upgradation Works of Different inter connected road sections in Triyuga Municipality was conducted in September/October 2023. The study and preparation of the this ESMP is guided by the Environmental and Social Management Framework (ESMF) for NUGIP.

Sub Project Title	Upgradation of <i>Different inter connected road sections (9.929Km)</i>
Estimated Cost:	NPR. 677,075,718.14 (including VAT and contingency) ESMP cost for Interconnected Road: 1,700,000.00
Start/Completion Date:	March 2024 - July 2025

2. DESCRIPTION OF THE PROJECT SITE

Triyuga is one of the eight municipalities that make up the Udayapur district of Koshi Province. The municipality's headquarters is Gaighat. The name of the municipality is taken from the Triyuga River, which passes through the town. In terms of size, Triyuga is the third-biggest municipality in Nepal and the largest in Koshi Province (area). The municipality has an area of 547.43 square kilometers. It is located between 26° 41' 17'' N to 26° 56' 42'' north latitudes and 86° 32' 11.5'' to 86° 50' 29'' east longitude. The municipality is surrounded by Mahabharat hills in north and Churey hills in south. Udayapurgadhi and Rautamai are in north of the municipality, Khotang District is in north-east and Chaudandigadhi Municipality is in east. Saptari District is in south of Triyuga Municipality.

This city is in the famous Udayapur Valley. Gaighat (other name of Triyuga) is the shadow of a historic kingdom of Sen dynasty in Udayapurgadhi (Chaudandi), this Inner Terai Valley of south-eastern Nepal has a glorious history with a bright future. Gaighat is in the plane of the Valley. Udayapur Valley is the largest valley in eastern Nepal having fabulous natural attractions such as the Triyuga river, Baruwa river flowing through the town. Koshi River is east of the city. According to the census of 2078, there are 25623 HHs having total population of 102,725, with 48,463 males and 54,262 females. This municipality is divided into 16 wards.

2.1 Location of the project

Different inter connected road (9.929 Km) sections is an urban road of Triyuga Municipality. Gaighat Bazar is surrounded by these roads. Gaighat is the Triyuga municipal headquarter as well as district headquarters of Udaypur district. The proposed subproject is located in Terai area and passes mainly through mixed land use having urban settlement and cultivated land. This inter connected road has seven sections, they are presented in **Table 2-1**.

Table 2-1 List of roads in different interconnected road sections

SN	Name of the Road	Length (Km)
1	Gaighat town planning area road section (1.534Km)	
	Section I	1.045
	Section II	0.489
2	City hall- Simaltar-Gaighat- Diktel road section	2.860
3	Babarani DM Gate road section	0.622
4	Fulchowk PG Chowk Road Bote Tole Triyuga Corridor section	0.900
5	City Hall- Ramchandra Basnet house section	0.255
6	Gaighat Shivalay Tole-Adarsha Tole-Ramailo Danda Manmohan School to Karamgachhi Diktel connecting road section	1.600
7	Pragati Tole kha (In front of Quarter) road to Sakela Road ward 12 (2.158Km)	
	Section I	0.788
	Section II	1.370
Total		9.929

The road wise location details are presented below

i. Gaighat town planning area road section (1.534Km)

The proposed road section lies within the Gaighat city. There are two sections of this road. Section I starts from municipality office and make rectangular section and ends at gate of municipality office. Section II starts from Sagarmatha Highway and end near Sunny Mandir.

This road passes through densely populated area of Gaighat main bazar. It passes through Adarshanagar Tole, BP Chowk, Bidhut Marga and Jyoti Marga. It crosses two highways (Sagarmatha and Madan Bhandari) in different locations. This road rounds the main crossing of Sagarmatha and Madan Bhandari Highway. It directly serves the people of ward 11 of Triyuga municipality.

ii. City Hall Simaltar Gaighat Diktel road section (2.86Km)

This road start from main chowk of Gaighat bazar and end at Gaighat-Diktel Road (section of Sagarmatha Highway). This road connects the core Gaighat city area to the Gaighat-Diktel road section via Simaltar. This road passes through major place i.e Pipal Chowk, InnarChowk, Janmukhi Chowk, Patandevi Tole and simaltar area. It is the one of the oldest routes to reach Gaighat-Diktel road from main chowk of Gaighat. It directly benefits the people of ward 11 of Triyuga municipality.

iii. Babarani DM Gate road section (0.622Km)

This road start from Babarani chowk which lies in Madan Bhandari highway and ends at DM Gate of Sagarmatha Highway. This road connects core city of Gaighat-to-Gaighat bus park through Sagarmatha highway. It directly serves people of ward 11 of Triyuga municipality.

iv. Fulchowk PG Chowk Road Botetole Triyuga Corridor section (0.9Km)

This road start from Fulchowk (a point of Purano Gaighat Bisanpur road section) and ends at Triyuga corridor which further connects with Sagarmatha highway. This road passes through Fulchowk, Bote tole, Sagarmatha tole and Sansari marga. This road serves people of ward 12 of Triyuga municipality.

v. City Hall Ramchandra Basnet house road section (0.255Km)

This road starts from Ch 0+260 of City Hall Simaltar Gaighat Diktel road. This road is a branch road of City Hall Simaltar Gaighat Diktel road. It serves the people of Ward 11 of Triyuga municipality.

vi. Gaighat Shivalay Tole-Adarsha Tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting road section (1.6Km)

An alignment of length 1.60 Km starts from Shivalaya chowk (Ch 1+300) of City Hall Simaltar Road. It passes through Adarsha tole, Ramailo danda, Ncell danda, Manmohan school and ends near Karamgachhi (Ch 1+600) of Ward no. 10.

vii. Pragati Tole kha (Quarter front) road to Sakela Road ward 12 (2.158Km)

This road starts from the PG chowk of Madan Bhandari highway and is further divided into two sections, one section having 788 m length and the other section having 1370 m length. The second section starts from the first sections Ch 0+250. This road passes through Pragati tole, Bishalnagar tole, Sakela tole, Sakela Park, basic health center, football ground and ends at Pragati tole. This road serves the people of ward 12 and 13 of Triyuga municipality.

2.2 Land use

The proposed roads are opened track and vehicles are moving throughout the road sections. The ROW was declared in 2055 BS by Municipality with the help of “Eastern area Directorate” under Ministry of Building and Physical planning, Government of Nepal. According to declared criteria-2055 by “Eastern Area Directorate”, the ROW of different interconnected road sections is Shown in **Table 2-2** and related documents are attached along with a municipal clarification letter in **Annex II** of this report.

The land within the proposed construction width of proposed interconnected road sections is already in use by the public. The upgrading work for the road sub-project will be limited within the existing road width. The project does not run through any ecologically sensitive area such as protected area, conservation area, wetland, national parks etc. No historical or archaeological sites are located within the project area.

Table 2-2: RoW details of the Inter-connected Road Sections

SN	Name of the Road/ Section	Length (Km)	RoW (m)	Existing width (m)	Proposed construction width (m)	Remarks (Cross section type)
a.	Gaighat Town planning area road					
	Section I	1.45	12 for 0+000 to 0+140,	12 for 0+000 to 0+140,	12 for 0+000 to 0+140,	Type_1
			18 for 0+140 to 1+010	18 for 0+140 to 1+010	17.5 for 0+140 to 1+010	Type_2
			10 for 1+010 to 1+045	10 for 1+010 to 1+045	8 for 1+010 to 1+045	Type_3
	Section II	0.489	12 for 0+000 to 0+489	11.5 for 0+000 to 0+240	11.5 for 0+000 to 0+240	Type_4
				8 for 0+240 to 0+489	8 for 0+240 to 0+489	Type_3
b.	City hall- Simaltar-Gaighat- Diktal road section					
		2.86	20	20 for 0+000 to 0+260 13 for 0+260 to 2+820 10.65 for 0+820 to 2+860	20 for 0+000 to 0+260 13 for 0+260 to 2+820 10.65 for 2+820 to 2+860	Type_5 Type_6 Narrow section
c.	Babarani DM Gate road section					
		0.622	8	8 for 0+000 to 0+260 6.3 for 0+260 to 0+420 8 for 0+420 to 0+520 6.75 for 0+520 to 0+610 8 for 0+610 to 0+622	8 for 0+000 to 0+260 6.3 for 0+260 to 0+420 8 for 0+420 to 0+520 6.75 for 0+520 to 0+610 8 for 0+610 to 0+622	Type_3 Narrow Type_3 Narrow Type_3
d.	Fulchowk PG chowk Road Botetole Triyuga Corridor section					
		0.9	8	8	8	Type_3
e.	City hall- Ramchandra Basnet house section					
		0.255	8	8 for 0+000 to 0+160 6.3 for 0+160 to 0+240 8 for 0+240 to 0+255	8 for 0+000 to 0+160 6.3 for 0+160 to 0+240 8 for 0+240 to 0+255	Type_3 Narrow Type_3
f.	Gaighat Shivalaya Tole-Adarsha Tole-Ramailo danda Manmohan school to Karamgachhi Diktal connecting road section					
		1.6	8	8	8	Type_3
g.	Pragati tole kha (Infront of Quarter) ko road to Sakela road ward 12					
	Section I	0.788	10	8	8	
				8 for 0+000 to 0+560 6.3 for 0+560 to 0+600 8 for 0+600 to 0+740 6.3 for 0+740 to 0+760 8 for 0+760 to 0+788	8 for 0+000 to 0+560 6.3 for 0+560 to 0+600 8 for 0+600 to 0+740 6.3 for 0+740 to 0+760 8 for 0+760 to 0+788	Type_3 Narrow Type_3 Narrow Type_3
	Section II	1.37	10	8	8	Type_3

2.3 Topography and Hydrology

Triyuga Municipality located in the central part of Udaypur District is a commercial contact center between the Terai and the mountains and is an entry way of the Sagarmatha highway. It is an important connecting centre of the hill districts of Khotang, Okhaldhunga and Solukhumbu with Terai, Triyuga municipality. The geography of Chure region in the south and Mahabharata range in the north to the Sunkoshi River covers a large area. In this municipality which has a heterogeneous structure, there are scattered and thinned settlements between the Mahabharat range and flat plains between Mahabharat range and Chure area on the southern border. This municipality is considered as inner Madesh as it is a large long shaped land between Mahabharat range and Chure range. The major rivers flowing through this municipality as Koshi, Triyuga and Barawa. The altitude of the municipality is ranges from 70m to 2509m from sea level. The proposed road alignment lies in the Sub Himalayan range. The alluvial river deposit is the most predominant along the road alignment.

Road alignments does not cross any river. Number of small seasonal small Hume pipe crosses the alignment at different Chainage which details are presented in **Table 2-4**. Department of Hydrology and Meteorology (DHM) data of 24-hour maximum rainfall for Gaighat (Index no. 1227) station is used for analysis of side drain and cross drain. Average annual precipitation of Gaighat is 131.88 mm. The latitude, longitude and elevations of the nearest station are shown in **Table 2-3**.

Table 2-3 :Details of Hydrology Station near Triyuga Municipality

Station Name	Index no.	Latitude	Longitude	Elevation (m)
Triyuga	1227	26°47'N	86°43'E	152

Table 2-4 Natural Drainage Existed Along the Road Alignment

SN	Name of the Road	Chainage	Natural Drainage	Adopted Structures	Remarks
1	Gaighat town planning area Road Section		NA		Highway crossing only.
2	City hall- Simaltar-Gaighat-Diktal Road Section	2+817	Crossing	0.6m dia Hume pipe	Crossing
		1+125	Crossing	Box Culvert (1.5*1)	
		1+938	Crossing	Box Culvert (1.5*1)	
3	Babarani DM gate Road Section	0+621	Drain crossing	Box Culvert (1.5*1)	
4	Fulchowk PG chowk Road botetole Triyuga Corridor section	0+179	Crossing	0.6m dia Hume pipe	Crossing
		0+885	Crossing	1.2m dia Hume pipe	Strome water crossing
5	City hall- Ramchandra Basnet house section	0+255	Crossing	Box Culvert (2*2)	
6	Gaighat Shivalay tole- Adarsha tole-ramailo danda manmohan school to karamgachhi diktal connecting Road Section	0+150	Crossing	0.6m dia Hume pipe	Crossing
		0+630	Crossing	Box Culvert (1.5*1)	Drain Crossing
		1+050	Crossing	Box Culvert (1.5*1)	Drain Crossing
		1+378	Crossing	0.9m dia Hume pipe	CS Structure
		1+598	Crossing	Box Culvert (1.5*1)	Crossing
7	Pragati tole kha (Infront of Quarter) ko road to Sakela road ward 12				
	Section I	0+451	Crossing	0.6m dia Hume pipe	Crossing
		0+787.5	Crossing	Box Culvert (1.5*1)	Drain Crossing

SN	Name of the Road	Chainage	Natural Drainage	Adopted Structures	Remarks
	Section II	0+770	Crossing	0.9m dia Hume pipe	Outlet towards river
		0+978	Crossing	0.6m dia Hume pipe	Crossing
		1+022	Crossing	0.6m dia Hume pipe	Drain crossing
		1+318	Crossing	Box Culvert (1.5*1)	Crossing

2.4 Landslide and unstable slopes

As per field study, there is no any landslide, unstable slopes and flood prone area and other disaster-prone area present within the proposed alignment.

2.5 Climate and Vegetation

Udayapur has a Temperate highland tropical climate with dry winters climate (Classification: Cwb). The district's yearly temperature is 17.42°C (63.36°F) and it is -4.58% lower than Nepal's averages. Udayapur Garhi typically receives about 253.05 millimeters (9.96 inches) of precipitation and has 199.06 rainy days (54.54% of the time) annually. Monsoon rain occurs from the month of Ashad to month of Ashwin. Road alignment does not cross any major river and streams however rainwater is discharged in natural gully.

Since this road sections lies within the municipality city area having dense, scattered settlements and cultural cultivated land. There is no any forest and rivers within the alignments. Therefore there is no direct effect for the biological aspect of the environment. It is not a habitat for terrestrial fauna and avifauna. Major trees, Wildlife and Aquatic species found in this municipality area are presented in **Table 2-5, 2-6 and 2-7** respectively.

Table 2-5 Major Tree Species found in Municipality Area

SN	Scientific Name	Common Name	Use
1.	Ficus religiosa	Pipal	Hardwood
2.	Musa acuminata Colla	Banana (kyare)	Fruit
3.	Areca Catechu	Supari	Fruit
4.	Dalbergia Sissoo	Sissoo	Timber
5.	Magnifera indica	Aanp	Fruit/Fuelwood
6.	Melia azadirach	Bakaino	Fuelwood/Fodder
7.	Saraca asoca	Ashoka	Ornamental
8.	Psidium guajava	Amba	Fruit/Fuelwood
9.	Musa balbisiana	Banana	Fruits

Table 2-6 Major Wildlife found in the Municipality Area

SN	Local Name (Nepali Name)	English Name	Scientific Name	Remarks
Wildlife: Animal				
1	स्याल	Wolf	Canis lupus	
2	बादर	Monkey	Macaca mulatta	
Major Birds				
1	काग	Crow	Corvus brachyrhynchos	

SN	Local Name (Nepali Name)	English Name	Scientific Name	Remarks
2	सुगा	Parrot	Phaethontidae Psittaciformes	
3	भगेरा	Sparrow	Ploceidae Passer	

Table 2-7 Major Aquatic species found in the municipality area

SN	Local Name (Nepali Name)	English Name	Scientific Name	Remarks
1	जुगे माछा	Gangetic mystus	Mystus cavasius	
2	बाम माछा	Cuchia	Monopterusuchia	
3	भ्यागुता	Frog	Rana tigrina	
4	गगटो	Crab	Carcinus maenas	

2.6 Air Quality

Air quality of the project area was tested by instrument in two locations which covers both priority one and priority two roads. Instruments were placed in chainage 0+000 of Gaighat town planning area road section and Chainage 1+460 of City Hall Simaltar Gaighat Diktel road section for air quality monitoring. The real time based 24 hours average TSP, PM₁₀, PM_{2.5} and CO were 164.5µg/m³, 77.3µg/m³, 32µg/m³ and 230µg/m³ respectively at the Gaighat town planning area road section. Similarly, the real time based 24 hours average TSP, PM₁₀, PM_{2.5} and CO were 131.4µg/m³, 58.4µg/m³, 14.1µg/m³ and 230µg/m³ respectively at the City Hall Simaltar Gaighat Diktel road section. The observed values are within the prescribed limit of NAAQS 2012 for the respective air quality parameters. The air quality test report is presented in **Annex V**.

The main construction activities that cause air pollution are earthworks excavation, asphalt plants operations and vehicle movement. These activities generate dust, which directly affect the air quality. In addition, vehicles and machinery emit smoke and fine particles. These substances will increase the local air pollution significantly during the construction stage. Burning of fossil fuels will result air pollution due to emission of sulfur oxides (SO_x), nitrogen oxide (NO_x), carbon dioxide (CO₂) and particulates.

For maintaining the quality of air in construction site, during construction, water -will be sprayed on the road surface and personal protective equipment (PPE) for the construction workers will be provided. The construction vehicles will be well maintained and will strictly comply with the GoN pollution regulation with compulsion in obtaining green sticker. Similarly, all construction plants should adhere to emission regulation. The vehicles carrying construction materials should ensure that it is well sealed and covered so as to avoid littering. The anticipated cost and specific conditions related to air pollution containment are included in the construction contract

2.7 Water Quality

The construction debris, paints, oil and grease are likely to create water pollution both surface and subsurface. The dust and silt from the construction sites will also create water pollution of the receiving streams. If workers living in tents/camps do not have access to toilet facilities, open defecation may be practiced, which may contaminate water sources, causing health problems. The anticipated impacts on water pollution such as eutrophication, spreading of water borne diseases, effect on downstream aquatic life will be direct in nature, low in magnitude, local in extent and of short-term in duration.

Spoil should be disposed off at designated spoil sites and efforts should be made to minimize such waste as far as possible through reuse, reduction, and recycling concepts. Similarly, the contamination of water by the use of cement and bitumen should be avoided and strongly monitored by contractors, PIU and DSC. The Contractor needs to arrange for sufficient water supplies and proper sanitation facilities for its labor force. Separate arrangements are necessary for work camp and labor camps. The anticipated cost and specific conditions related to water pollution containment are included in the construction contract

The water samples were collected from the project affected areas and tested in laboratory. The water quality report was found complied with National Drinking Water Quality Standards /GoN. The detail of water quality test report is enclosed in **Annex V**.

2.8 Noise level

The daytime and night time observed sound pressure level at the monitoring site at Gaighat town planning area road was 54.2B(A) and 47.8dB(A) respectively and Chainage at City Hall Simaltar Gaighat Diktel road was 53.1B(A) and 48.9dB(A) respectively. The observed daytime and nighttime average sound pressure levels complied the prescribed limits of GoN- Noise level standard 2069 for category urban residential area. The details report of air, water and noise are summarized in **Annex V**.

Noise impacts will be significant in the RoW and vicinity of the proposed subproject upgradation road during construction periods due to increase of vehicular movements and operation of machinery equipment. The heavy construction equipment movement in the site should be maintained in the day time only. Vibrations effects are closely observed and may need to do vibration activities by considering local requirement maintaining prescribed quality. For the safety of construction workers, PPE along with earplugs must be provided while on duty. The anticipated cost and specific conditions related to noise and vibration containment are included in the construction contract

2.9 Existing infrastructures/ utilities

The details of existing infrastructures situated within the RoW width are presented in the tables below.

Water supply pipelines

As per field study, consultation and discussion with the Municipality representatives and Triyuga Small Town Water Supply Committee, there is presence of existing water supply pipeline along the alignment. In most of the sections of interconnected roads, there are two parallel pipelines placed for supply of water for community use. It has been proposed that, water pipes are carefully handled during construction and necessary estimation for pipe relocation and new construction has been proposed in DPR and relocate/new pipelines will be laid in edge of road i.e under the footpath during the construction of road project. Necessary consultation with Triyuga Small Town Water Supply Committee was conducted during field study. The list of existing pipelines along the alignment are listed in **Table 2-8**.

For continuous flow of water, there are existing two sets of pipes running parallel to the alignment. Thus, arrangement should be made for continuous flow of one pipeline at a time during construction. So that, there will be minimal disturbance due to relocation/new construction of water supply pipelines during construction/relocation.

Table 2-8: Existing water supply pipeline details

S N	Name of the road	Chainage		Side	Length (m)	Dia. of pipe	Type of pipe	Quantit y (m)	Remar ks
		From	To						
1	Gaighat town planning area road section								
	Section I	0+000	1+045	Both	1045	4’’	CI	2090	
	Section II	0+000	0+489	Both	489	4’’	CI	978	
2	City hall- Simaltar- Gaighat- Diktel road section	0+000	0+200	Both	200	6’’	CI	400	
		0+200	2+860		2660	8’’		5320	
3	Babarani DM gate road section	0+000	0+622	Both	622	110 mm	HDPE	1244	
4	Fulchowk PG chowk Road botetole Triyuga Corridor section	0+000	0+900	Both	900	4’’	HDPE	1800	
5	City hall- Ramchandra Basnet house section	0+000	0+255	Right	255	40 mm	HDPE	255	
6	Gaighat Shivalay Tole- Adarsha Tole-Ramailo Danda Manmohan School to Karamgachhi Diktel connecting road section	0+000	1+180	Both	1180	3’’	HDPE	2360	
		1+118	1+600	Both	482	4’’		964	
7	Pragati Tole Kha (In front of Quarter) road to Sakela road ward 12	0+000 0+000	0+788 1+370	Both	788 1370	4’’	HDPE	1576 2740	
Total								19727m	

Source: Field survey 2023

Religious Places, Resting Area and Community owned properties

The details of the public owned properties lie alongside of the road alignment are presented below. These structures won't be affected by the project upgradation works however necessary precaution such as careful handling of equipment and safety measures will be taken during construction works.

Table 2-9: List of temples, resting areas and other community owned properties

S. N.	Road Name	Chainage	Name of temples/ resting places/ other community owned structures	Type	Remarks
1	Gaighat town planning area road section				
	Section I	0+570	Pipal Chowk	Chautara	Within the road center but will not be affected
	Section II	NA			
2	City hall- Simaltar-Gaighat- Diktel road section	0+200	Pipal Chowk	Chautara	Within the road center but will not be affected
		1+600	Shiva Mandir	Temple	Right side, will not be affected

S. N.	Road Name	Chainage	Name of temples/ resting places/ other community owned structures	Type	Remarks
3	Babarani DM gate road section	NA			
4	Fulchowk PG chowk Road Botetole Triyuga Corridor section	0+000	Fulchowk	Resting place	Left side, will not be affected
5	City hall- Ramchandra Basnet house section	NA			
6	Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting road section	1+200	Pipal tree with Shiva Mandir	Temple	Left side, will not be affected
7	Pragati tole kha (In front of Quarter) ko road to Sakela road ward 12				
	Section I	NA			
	Section II	0+700	Sakela Park	Park	Left side, will not be affected
		1+028	Puspapal Statue		Road center, will not be affected

Source: Field survey 2023

Schools

Here is the list of schools which are lies along the alignment and near to the road alignment. The physical structures of these schools won't be affected by upgradation works. Necessary consultation with school management were conducted during field study. Footpath, necessary road safety signs i.e. zebra cross, sign board etc has been proposed. In these sections, the road is wider than other section to ease the student flow during school hours.

Table 2-10: Schools in and near the road alignment

S.N.	Road Name	Chainage	School Name	Place/ Settlement	Remarks
1	Gaighat town planning area road section	NA			None of the structures of school will be affected during construction
2	City hall- Simaltar-Gaighat- Diktel road section	NA			
3	Babarani DM gate road section	NA			
4	Fulchowk PG chowk Road Botetole Triyuga Corridor section	NA			
5	City hall- Ramchandra Basnet house section	NA			
6	Gaighat Shivalay tole-Adarsha tole-ramailo danda Manmohan school to Karamgachhi Diktel connecting road section	1+550	Manmohan school	Khashi Bazar, Karamgachhi	
7	Pragati tole kha (In front of Quarter) ko road to Sakela road ward 12	NA			

Source: Field survey 2023

Existing Storm water drainage structures**Table 2-11: Existing storm water drain details**

SN	Name of the Road	Chainage		Direction	Remarks
		FROM	TO		
1	Gaighat town planning area road section				Proposed for re-construction
	Section I	0+000	0+060	Left and Right	
		0+080	0+280	Left and Right	
		0+300	0+560	Left and Right	
		0+580	0+840	Left and Right	
		0+860	1+000	Left and Right	
	Section II	0+000	0+489	Left & Right	
2	City hall- Simaltar-Gaighat- Diktel road section	0+000	0+190	Right & Left	
		0+210	0+255	Right & Left	
		0+260	0+310	Right & Left	
		0+315	0+415	Right & Left	
		0+420	1+920	Right	
		1+945	1+965	Right	
		1+990	2+040	Right	
		2+050	2+460	Left & Right	
		2+710	2+750	Right	
3	Babarani DM gate road section	0+000	0+620	Left and Right	
4	Fulchowk PG chowk Road Botetole Triyuga Corridor section	0+000	0+900	Left & Right	
5	City hall- Ramchandra Basnet house section	0+000	0+150	Left	
6	Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting road section	0+000	1+190	Left	
		0+000	0+250	Right	
		1+050	1+600	Right	
7	Pragati tole kha (In front of Quarter) ko road to Sakela road ward 12	0+000	1+370	Left & Right	
		0+000	0+787	Left & Right	

Source: Field survey 2023

Existing Electric lines

In the whole alignment, the road section has 167 electric poles with in construction width of proposed subprojects which needs to be relocated during construction. Details of electric poles which needs to be relocated during construction are presented in below **Table 2-12** and further chainage wise details are presented in **Annex IX**.

Table 2-12: Road wise existing pole details

SN	Road Name	Number	Remarks
1	Gaighat town planning area road section	47	
2	City hall- Simaltar-Gaighat- Diktel road section	47	
3	Babarani DM gate road section	4	
4	Fulchowk PG chowk Road Botetole Triyuga Corridor section	8	
5	City hall- Ramchandra Basnet house section	5	
6	Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting road section	29	
7	Pragati tole kha (Infront of Quarter) ko road to Sakela road ward 12	27	
Total		167	Nos.

Source: Field survey 2023

2.10 Demography of the project area

The total population of Udayapur District, according to the Census of Nepal, 2021 (2078 B.S.) conducted by National Statistics Office (NSO) is 340,721 and the number of households is 81,089. The average household size of the district is 4.20, which is lower than that of the national average (4.37). The total population of Triyuga Municipality is 102,725 and total household is 25623. The average household size of the Municipality is 4.01 which is lower than that of district household size (4.20). The male and female population of the municipality is 48463 and 54262 respectively and sex ratio is 89.31.

Table 2-13 Population and Household details of affected wards

Ward No.	Name of the road	House hold	Population			Average Household size	Sex ratio
			Total	Female	Male		
10	• Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting road section	2125	8265	4381	3884	3.89	88.66
11	• Gaighat town planning area road section, • City Hall Simaltar Gaighat Diktel road section • Babarani DM Gate road section • City Hall Ramchandra Basnet house road section • Pragati tole kha (Quarter front) ko road to Sakela road ward 12	2973	11400	6065	5335	3.83	87.96
12	• Fulchowk PG Chowk Road Botetole Triyuga Corridor section	1882	7907	4137	3770	4.2	91.13
13	• Pragati tole kha (Quarter front) ko road to Sakela road ward 12	1638	6386	3404	2982	3.90	87.60

Source: NSO, 2021

2.11 Settlements

There is presence of dense and scattered settlement within the project area of interconnected roads. The major settlement along the alignments is listed below.

- **Gaighat town planning area road section:** Gaighat Bazar, Adarshanagar tole, BP chowk, Bidhut marga and Jyoti marga,
- **City Hall Simaltar Gaighat Diktel road section:** Pipal chowk, Innar chowk, Janmukhi chowk, Patandevi tole and Simaltar
- **Babarani DM Gate road section:** Babarani tole
- **Fulchowk PG Chowk Road Botetole Triyuga Corridor section:** Fulchowk, Bote tole, Sagarmatha tole and Sansari marga.
- **City Hall Ramchandra Basnet house road section:** City Hall
- **Gaighat Shivalay tole-Adarsha tole-ramailo danda Manmohan school to Karamgachhi Diktel connecting road section:** Adarsha tole, Ramailo danda, Ncell danda, Manmohan school and Kamgachhi
- **Pragati tole kha (Quarter front) ko road to Sakela road ward 12 road:** Pragati tole, Bishalnagar tole, Sakela tole, Sakela Park

2.12 Land availability

The project area consists of dense settlement in Town planning, City Hall Simaltar and Babarani DM Gate road section and other roads alignment have scattered settlements with cultivated land. All the proposed roads are operating and vehicles have been plying throughout the road sections. The ROW was declared in 2055 BS by Municipality with the help of “Eastern area Directorate” under Ministry of Building and Physical planning, Government of Nepal. The land within the proposed construction width which is the existing road width is already in use by the public. However, due to the availability of existing road width in a few locations the construction width of the roads is reduced. The details are presented in **Table 2-2** (Section 2.2: Land use). Further, the details of RoW, existing width, proposed construction width and carriageway widths are presented in **Table 3-1, Salient features**. The proposed road will be upgraded within existing road width only. Thus, there are no any impacts on structures, private or public/ temporary or permanent structures due to upgradation works. so, the additional land won't be necessary for this sub-project for the upgradation works.

2.13 Physical Structures

There are no any public as well as private structures present along the construction width of this sub-project. Therefor the alignment is clear for the construction of work.

2.14 Caste/Ethnicity

The caste/ethnicity wise details of households are presented in **Table 2-14**. There is presence of mixed groups and cluster of groups of castes in the project area. The necessary consultations with these groups were conducted during field study. The consultations with different groups including IPs were also organized during filed study. The consultation summary with different groups is presented in chapter 5 of this report.

Table 2-14: Caste/Ethnicity of People along proposed interconnected road alignment

SN	Name of the Road	Gaighat townplanning area Road Section	City hall simaltar Gaighat Diktel road section	Babarani DM Gate Road Section	City Hall Ramchandra Basnet house Road Section	Gaighat Shivalay tole- manmohan school to karamgachhi diktel Road	Fulchowk PG Chowk Road Botetole Triyuga Corridor section	Pragati tole kha (Quarter front) ko road to Sakela road ward 12	Total Household Nos.	%	Remarks
	Ethnicity	HH	HH	HH	HH.	HH	HH	HH			
1	Brahmin	72	20	1	7	1	8	16	125	13.23	Khas/ Arya
2	Chhetri	88	70	17	4	17	7	18	221	21.33	Khas/ Arya
3	Tharu	20	15	4	0	4	23	3	69	13.07	IP
4	Rai	45	30	7	4	7	14	20	127	16.12	IP
5	Magar	20	5	0	2	0	4	0	31	7.30	IP
6	Madheshi	53	10	15	0	15	9	0	102	9.94	
7	Newar	30	20	5	3	5	6	2	71	5.69	IP
8	Pariyar	10	0	0	0	0	0	0	10	0.80	Dalit
9	Biswokarma	5	3	0	0	0	1	15	24	2.73	Dalit
10	Muslim	5	0	7	0	7	0	0	19	1.52	
11	Pariyar	2	7	0	0	0	1	18	28	2.25	Dalit
12	Bote	0	18	0	0	0	18	0	36	2.89	IP
13	Majhi	0	0	1	0	1	0	0	2	0.16	IP
14	Danuwar	0	0	2	0	2	0	0	4	0.32	IP
15	Mushar	0	0	0	0	0	5	0	5	2.00	
16	Sharki	0	0	0	0	0	0	8	8	0.64	Dalit
Total		350	198	59	20	59	96	100	882	100	

Source: field study 2023

2.15 GBV, SEA / SH

During the field study, group discussions, interviews and meetings revealed that there is gender-based violence in the project area. In the focus groups discussion people said that some domestic (mental) and economic violence is present in the area. The municipal social section record also shows that GBV present within the municipality. There are more than 39 consultations (KII, FGD and meetings) were conducted during preparation of ESMP. During the consultations, 427 numbers of people participated. The male and female participants were 246 (57.61%) and 181 (42.39%). Most of the local women were not aware about the provisions of complaint registering through toll free number 1145 facilitated by National Women Commission. Details of violence present within the municipality are presented in the **Table 2-15** and related documents attached in **Annex-II**. According to municipal data, issues on GBV/SEA/SH are taken for planning of mitigation measures which are presented below. Necessary mitigation programs are planned and implemented during construction of sub project.

As a part of the project compliance, an Anti-Harassment Cell and GRC has been formed in Triyuga Municipality with dedicated focal person. **Mr Raj Kumar Khadka** is appointed for focal person who also serves as GBV focal person of the municipality. The letter regarding deputation of the focal person has been attached in **Annex II**. The main purpose of establishment of Anti-Harassment cell is to deal with cases of sexual harassment in a timely manner by providing empathetic support to the victim and ensuring prevention of harassment through proper redressal of the case. The cells process individual complaints and take appropriate action in accordance with the guidelines provided by the respective authorities.

Table 2-15: GBV Cases of Municipality

SN	Identified Cases	Number			Total	Remarks
		F/Y 2077-078	F/Y 2078-079	F/Y 2079-080		
i.	Physical Abuse	13	29	25	67	
ii.	Polygamy	3	6	5	14	
iii.	Railing (गालीगलौज)	4	8	20	32	
iv.	Mental Abuse	2	8	13	23	
v.	Character Abuse	6	2	3	11	
vi.	Resource violence	2	4	2	8	
vii.	Child Marriage	15	7	5	27	
viii.	Rape/Sexual violence	21	7	13	41	
ix.	Rape attempt	2	4	2	8	
x.	Sexual abuse	4	0	0	4	
xi.	Women trafficking	0	0	1	1	

Source: Municipality Social section, Triyuga Municipality

According to the above presented data, there is presence of different types of GBV within the municipality and project area. Therefore, issues on GBV, SEA/SH issues are taken for planning of mitigation measures. Necessary mitigation programs will be planned and implemented during construction of sub project. The most prioritized issues on violence are

- Physical & mental abuse
- Sexual violence/rape cases
- Child marriage

For mitigation of SEA/SH, and GBV during the construction phase, the following activities are proposed and will be implemented which needs to continue in the operation stage also. For carrying out these activities, the mitigation action plan is prepared, budget is estimated and included in ESMP. The overall responsibility of carrying out these activities will be on PIU/DSC and contractor based on the activities.

- Awareness programs related to community and workers, for reduction of sexual violence/rape cases.
- Awareness Program for physical/mental abuse in the project area.
- Awareness raising in Schools on child marriage.
- Establishment of Anti-Harassment Cell in Municipality and assign a focal person in the Municipality.
- Conduct an orientation program on code of conduct for contractors and subcontractors to manage GBV/SEA/SH risks during construction phase and Implementation of code of conduct on SEA/SH behavior and the provision of punishment for breaching of the code of the conduct.

3. DESCRIPTION OF THE PROJECT AND ITS ACTIVITIES

The upgrading of Different inter connected Road (9.929Km) Sections have seven roads which are interconnected each other through two highways. These roads are starts from highway (Sagarmatha and Madan Bhandari), also intersects by these two highways in different locations. The overall length of the proposed road is 9.929 Km. These roads pass through ward no 10,11, 12 and 13 of Triyuga Municipality. The settlement of this municipality lies in the plain Area of inner Terai. The road section requires pavement reconstruction to maintain acceptable levels of service.

The ROW was declared in 2055 BS by Municipality with the help of “Eastern area Directorate” under Ministry of Building and Physical planning. Government of Nepal. The Salient features of the road along with declared RoW, existing width, proposed construction width, proposed carriage way width of the road is presented in **Table 3-1**. The components of the proposed roads are improvement of pavement, Construction of footpath, side drains, road crossings, retaining wall/breast wall, zebra crossing, shifting of electric poles and improvement of the road furniture.

3.1 Salient Features of the Project

Salient features of the proposed Different inter connected Road Sections are shown in **Table 3-1**.

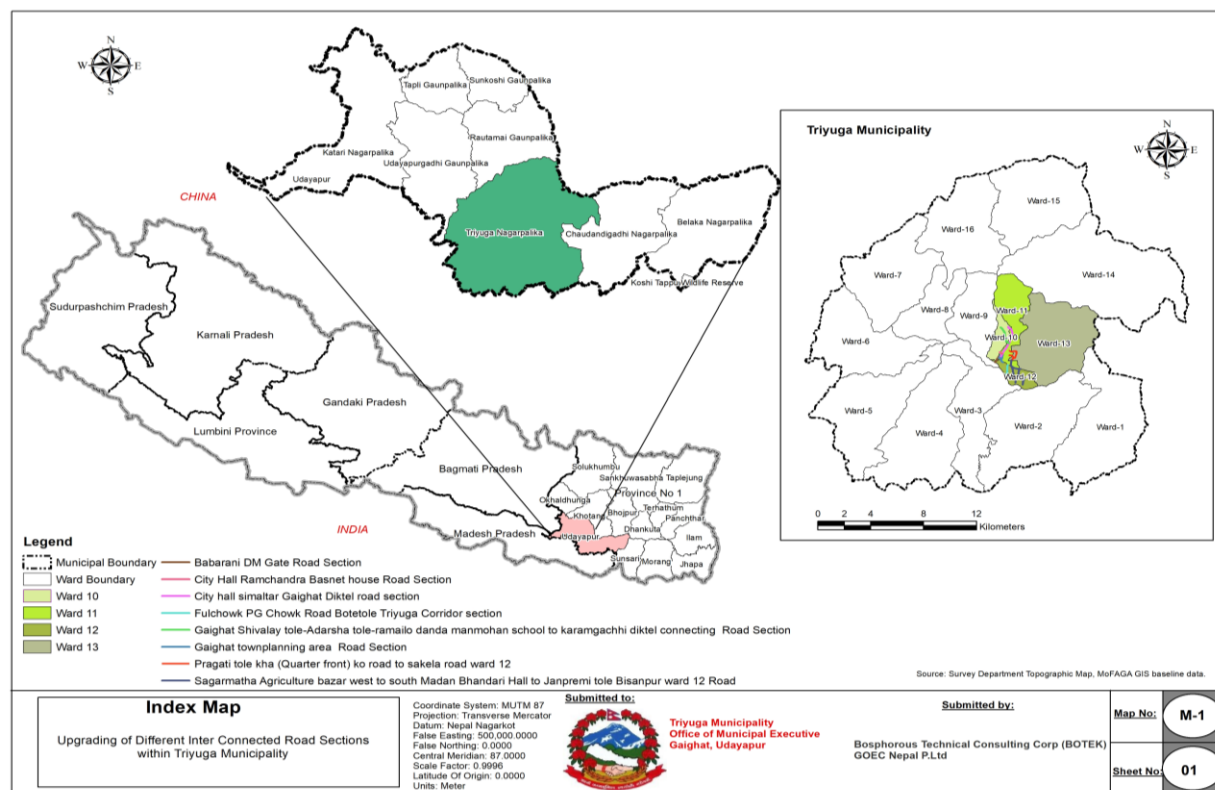


Figure 3-1: Index Map

Table 3-1: Salient features of interconnected road sections

SN	Description	Description				
1	Name of the Road	Different inter connected road (9.929 Km) sections				
2	Road Type	Urban/ Local Road (NURS 2076)/Collector Road				
3	Proposed road length	9.929 Km				
4	Number of Lane	Four and Two Lane				
5	Road Attributes	Length (Km)	RoW (m)	Existing width (m)	Proposed construction width (m)	Proposed carriage way width (m)
	Name of the Road					
a.	Gaighat town planning area road	1.45	12 for 0+000 to 0+140, 18 for 0+140 to 1+010 10 for 1+010 to 1+045	12 for 0+000 to 0+140, 18 for 0+140 to 1+010 10 for 1+010 to 1+045	12 for 0+000 to 0+140, 17.5 for 0+140 to 1+010 8 for 1+010 to 1+045	7.5 13 5.5
	Section I					
	Section II	0.489	12 for 0+000 to 0+489	11.5 for 0+000 to 0+240 8 for 0+240 to 0+489	11.5 for 0+000 to 0+240 8 for 0+240 to 0+489	7 5.5
b.	City hall- Simaltar-Gaighat- Diktal road section	2.86	20	20 for 0+000 to 0+260 13 for 0+260 to 2+860	20 for 0+000 to 0+260 13 for 0+260 to 2+820 10.65 for 2+820 to 2+860	16 7.5 6.5
c.	Babarani DM Gate road section	0.622	8	8 for 0+000 to 0+260 6.3 for 0+260 to 0+420 8 for 0+420 to 0+520 6.75 for 0+520 to 0+610 8 for 0+610 to 0+622	8 for 0+000 to 0+260 6.3 for 0+260 to 0+420 8 for 0+420 to 0+520 6.75 for 0+520 to 0+610 8 for 0+610 to 0+622	5.5
d.	Fulchowk PG chowk Road Botetole Triyuga Corridor section	0.9	8	8	8	5.5
e.	City hall- Ramchandra Basnet house section	0.255	8	8 for 0+000 to 0+160 6.3 for 0+160 to 0+240 8 for 0+240 to 0+255	8 for 0+000 to 0+160 6.3 for 0+160 to 0+240 8 for 0+240 to 0+255	5.5
f.	Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktal connecting road section	1.6	8	8	8	5.5
g.	Pragati tole kha (In front of Quarter) ko road to Sakela road ward 12					

SN	Description	Description				
	Section I	0.788	10	8 for 0+000 to 0+560 6.3 for 0+560 to 0+600 8 for 0+600 to 0+740 6.3 for 0+740 to 0+760 8 for 0+760 to 0+788	8 for 0+000 to 0+560 6.3 for 0+560 to 0+600 8 for 0+600 to 0+740 6.3 for 0+740 to 0+760 8 for 0+760 to 0+788	5.5
	Section II	1.37	10	8	8	5.5
6	Camber of Carriage way	2.50%				
7	Pavement Surfacing	40 mm Asphalt 0.15 m Base 0.15 m Sub-base				
8	Terrain Type	Plain				
9	Climate	Tropical				
10	Geology	Sub Himalayan				
11	Wards & Major settlements	Triyuga Municipality –10, 11,12 and 13 Gaighat Bazar, Adarshanagar tole, BP chowk, Bidhut marg, Pipal chowk, Innar chowk, Janmukhi chowk, Simaltar, Babarani tole, Fulchowk, Bote tole, Sagarmatha tole, Sansari marg, City Hall, Adarsha tole, Ramailo danda, Karamgachhi, Pragati tole, Bishalnagar tole, Sakela tole.				
	Design Parameters					
12	Design speed of Road	30 km/hr				
13	Design Life of Road	20 Years				
14	Maximum Gradient	4%				
15	Minimum Gradient	0.35%				
16	Total cost of EMP	NPR. 1700,000.00				
17	Total Project cost	NPR. 677,075,718.14 (including VAT and contingency)				
18	Cost per km	NPR. 68,191,733.12 (including VAT and contingency)				

Note: *Right of Way- RoW defined by the municipality;*

Carriageway Width- Black topped road width.

3.2 Proposed Campsite and Stockpile Area

During the field study, the campsite and stockpile area has been identified. The proposed campsite and stockpiling area are government land having an area of about 31436 Square meters which is situated near the north side of proposed Baruwa Bus Park (Sakela Area). It is 600 m far from the proposed site. It is an open ground area situated near Sakela Tole and can be used for contractor's campsite and stockpiling of the construction materials. The existing land is barren land having some vegetation. Required facilities like separate male and female camps and toilets will be constructed during construction phase. Necessary consultation with municipality along with locals were conducted with presence of Mayor. The minutes related to consultation is attached in **Annex II**.

Table 3-2: Campsite and Stockpiling Location Details

SN	Description	Easting	Northing	Available Area (Sqm)	Remarks
1	Camp site	471259.33m E	2963533.47m N	2884	
2	Stockpile area	471252.25 m E	2963346.15 m N	7289	
3	Solid Waste management area	471255.50m E	2963501.14m N	50	Within camp area



Figure 3-2: Proposed camp and stockpiling site

3.3 Solid Waste Management

Solid waste generated from the labor camps will be disposed within the proposed camp site. Soak pits or septic tanks will be established for the sanitation units/latrines at appropriate location within campsite. As the labor camp/stockpiling area is big, contractor will use one point (471255.50m E, 2963501.14m N), tentative area 50sqm) for solid waste management. Also, the waste generated during decommissioning of the temporary campsite, the reusable like cardboards, plastics, bins, etc. will be sold, the metal scrap will be sent or sold to scrap dealers, and any residue will be disposed off in coordination with the local ward/municipal authority

through existing solid waste management (collection & disposal) system of the municipality. The land will be cleared and restored to the satisfaction of the Municipality.



Picture: 1 : Solid waste management area

3.4 Spoil Management

As per the DPR of the road, there is earth cutting (26,251.83 m³) of earthwork is more than filling work (11,151.88 m³). After the backfilling, 15,099.95 m³ construction spoil will need to be managed in appropriate site. An open public space located around 500 m from Sagarmatha agri road section II end point (near Bisanpur Harid Park ward-12) with area of around 10,000 sq.m has been proposed as spoil disposal site which is the government land and far from the nearby settlement. Municipality letter related to spoil management site is attached in Annex II. Construction debris will be disposed at designated spoil site only and efforts will be made to minimize such waste through reuse, reduction, and recycling concepts. While hauling and storing spoil temporarily, spoil will be covered with plastic/tarpaulin cover. Construction trash should only be disposed of at approved spoil sites. The land will be cleared and restored to the satisfaction of the Municipality by following environmental obligations.

Table 3-3: Details of Spoil Generated by Subproject

S.N.	Name Of Road	Cut Quantity (m ³)	Fill Quantity (m ³)	Remarks
1	Gaighat Town planning road			
	Section-I	5542.37	345.76	

S.N.	Name Of Road	Cut Quantity (m3)	Fill Quantity (m3)	Remarks
	Section II	962.56	349.877	
2	City hall Simaltar Gaighat Diktel road section	8714.38	3944.275	
3	Babarani DM Gate road section	1581.113	175.747	
4	Fulchowk PG Chowk Road Botetole Triyuga Corridor section	1283.07	1269.24	
5	City Hall Ramchandra Basnet house road section	462.64	134.365	
6	Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting road section	4963.542	1753.892	
7	Pragati tole kha (Quarter front) ko road to sakela road ward 12			
	Section I	1222.72	484.076	
	Section II	1519.432	2694.65	
	Total	26251.827	11151.882	

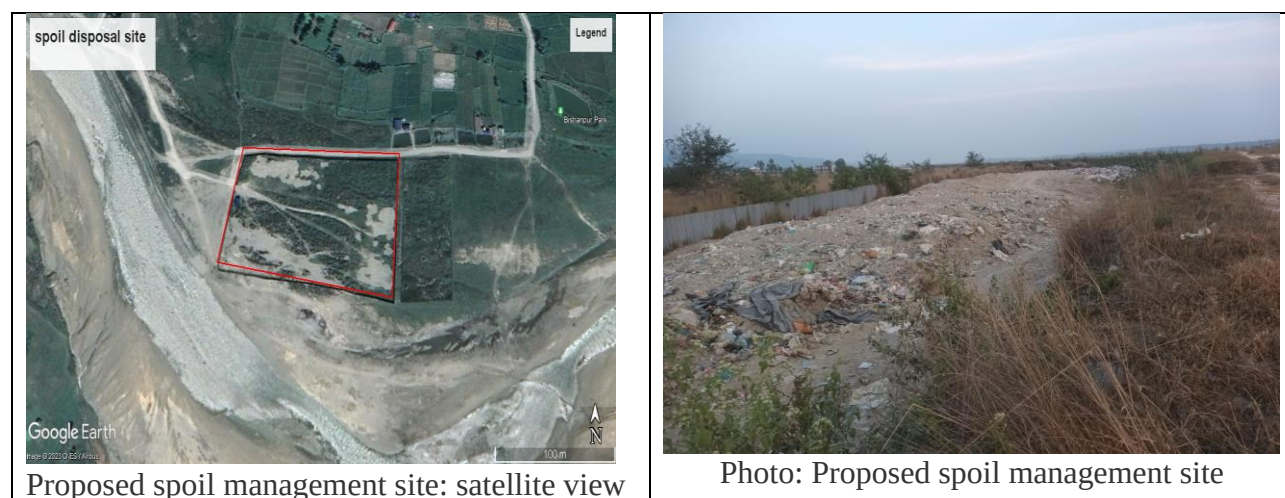


Figure 3-3: Proposed spoil management site

3.5 Quarry Sites

The upgrading of road will require boulders, sand and aggregate for activities like gravelling, construction of retaining walls, cross drainage, side drains, road furniture and other structures. These construction materials will be brought from the established quarry sites of municipality and crusher industry nearby the municipality. These construction materials will be brought from the IEE approved quarry sites at the Baruwa Khola, Triyuga Khola and Sunkoshi Khola (which have already received the environment clearance, IEE approval) within the Municipality. The details of quarry name and available quantity are presented in **Table 3-4** and the quarry site is shown in below **Map (Figure 3-4)**.

Table 3-4: Quantity of Sand, Aggregate and Stone required for the sub project construction

SN	Particulars	Quantity (m3)	Remarks
1	Sand	3764.38	
2	Stone	975.18	
3	Aggregate	43,584.72	

The Contractor may also obtain required construction materials from the legally operating crusher industries other than proposed quarry sites. So, the direct impact of quarries such as damage to cultivated land, high level of air pollution, noise pollution, cracking of houses nearby structures by heavy equipment movement, affect to the downstream aquatic life etc are not expected in this subproject. However, the quarry sites and amount of quarrying material will be included in Construction Environment and Social Management Plan (CESMP) within 45 days of commencement of works. PIU will check the site requirements and quality of quarrying material and approve it. DSC will also monitor whether the quarry sites has been legally operating or not.

Table 3-5: IEE Approved quarry site description

SN	Quarry Name	Ward No	Northing	Easting	Available quantity (m3)/year	Remarks
1	Babari (Rato Pahi)	10	26°49'18.08'' to 26°49'8.37'' N	86°42'1.40''E to 86°42'7.47''E	9660	Approved IEE of these sites is not mentioned separate volume of the stone, aggregate and sand to be available
2	Bisanpur	12	26°46'36.17''N to 26°46'16.76''N	86°43'11.18''E to 86°43'26.15''E	25375	
3	Sakela	11, 13	26°48'5.09''N to 26°47'36.63''N	86°42'39.59'' E to 86°42'45.32''E	38080	
4	Dimki	11	26°48'25.65'' N to 26°48'6.42''N	86°42'38.34'' E to 86°42'42.59''E	14280	

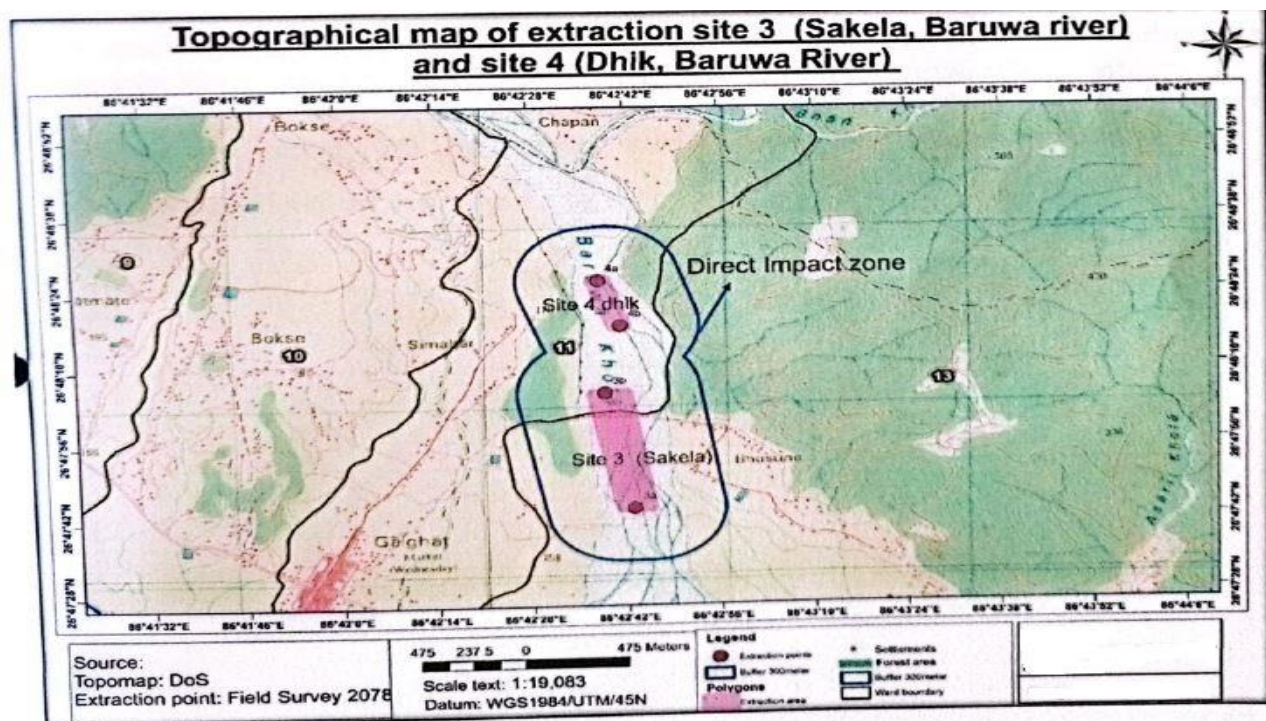


Figure 3-4: Topographic map of Quarry site

3.6 Borrow Pits

As per DPR, the quantity of earthwork cutting (26,251.83m³) is more than earth filling work (11,151.88m³), thus there is no need of borrow pits in this sub project however for ease and future requirement, borrow pits has been identified. The borrow pit is proposed at the Triyuga River which is 500m (Easting 471634.00m E, Northing 2960654.00m N) far from Sagarmatha Agri road, chainage 2+140 of section II (near Bisanpur Harid Park) and having IEE clearance by municipality. The letter of municipality about borrow pits is attached in **Annex II** of this report.

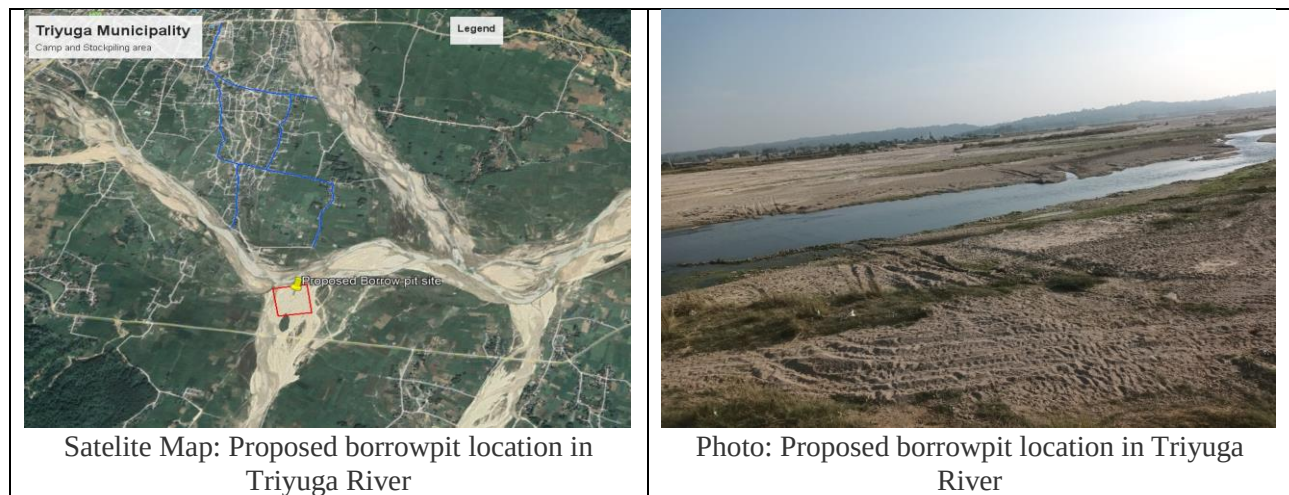


Figure 3-5: Proposed Borrow Pits site

3.7 Other facilities

The facilities like workshop area, concrete batch plant will be established during construction of road. The site is identified during filed study. It is proposed near the bank Baruwā Khola (Easting 472352.00 m E, Northing 2961269.00m N) which is 635m far from our site and is a government property. Necessary consultation with Municipality was conducted and minutes is attached in **Annex II**. Further, CESMP will be prepared by contractor, contracted within 45 days of contract. Thus, facilities like Workshop area, concrete batch plant establishment details will also be included in contractors CESMP.



Figure 3-6 Proposed other facilities establishment site

4. ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP)

4.1 Social and Environmental Screening:

The Environment and Social Management Plan (ESMP) including monitoring plan provides a road map on how to address the anticipated negative environmental and social impacts associated with the implementation of the proposed development project throughout its project life cycle. The outline of the plan considers the anticipated impacts, the mitigation measures, the parties responsible for the action, time frame for the implementation and cost to address them. The monitoring process aims at generating useful information that would be useful in facilitation of the implementation of the mitigation measures.

The implementation of the ESMP shall be the responsibility of both the Municipality/PIU/DSC and contractor. Proponent will play both implementor and supervisory role for ensuring proposed measures are implemented as outlined in the plan. The frequency of implementation and monitoring of the proposed measures shall be dependent on the nature of the anticipated impact. The cost for the implementation of the ESMP during the construction phase will be factored in the bills of quantities (BOQ) while the cost after completion will be met by the PIU.

The proposed sub-project is an upgradation of an existing road. By using approved format, A social and environmental screening of the sub-project has been done to assess any potential risk associated with the road upgradation work. The checklists for social and environmental safeguards screening are provided in **Annex I**. The screening shows that the project area doesn't have major social or environmental risks. The land required for road construction is already available and is in public use. Documents regarding declaration of the RoW by the Triyuga Municipality is provided in **Annex II** of this report. As per people consultation during the field study, there are no any disputes regarding land ownership, existing road width and grievances. As per section B & C of Appendix C of Environmental and Social Management Framework (ESMF, August 2020) of NUGIP, it can be concluded that the proposed road upgradation project falls under 'Low to Medium impact project' under Category B. Hence an abbreviated ESMP is sufficient for the proposed project. This ESMP document has been prepared as per Appendix C of the ESMF.

4.2 Scope of Environmental and Social Management Plan:

The scope covers potential impacts, related mitigations and monitoring aspects related to activities under the proposed road upgradation works in Triyuga Municipality. These are summarized in **Table 4-2** below.

4.3 Implementation of Environmental and Social Management Plan

The sub-project ESMP implementation arrangements can be summarized as follows;

Table 4-1: Roles and responsibility for ESMP implementation

SN	Stakeholder	Role & Responsibilities for ESMP implementation
1	Triyuga Municipality/PIU	✓ The overall project environmental and social safeguard management is the responsibility of PIU ✓ The regular monitoring will be carried out by the PIU
2	Contractor	✓ The contractor is required to submit C-ESMP within 45 days of contract signing.

SN	Stakeholder	Role & Responsibilities for ESMP implementation
		✓ Implement the mitigation measures and provisions as per ESMP and DPR of the Project
3	DSC	✓ Preparation of ESIA/ESMP during DPR phase ✓ Supervision support to the Contractor to implement the ESMP ✓ Monitoring of implementation of ESMP and its compliance ✓ The E&S safeguards specialists of DSC will work closely with its technical staff to ensure project implementation in accordance to World Bank's safeguard standards.
4	PCO & PMST	✓ The PCO will have overall responsibility to ensure compliance with pertaining laws, policies, regulation for all sub projects ✓ The PCO with support from PMST will review implementation support of environmental and social safeguard studies/ management plan prepared by PIU/DSC.

4.4 Objectives of ESMP:

The overall objective is to ensure that the environment and its surrounding areas are protected and developed to meet the needs of the local stakeholders and safeguard the requirements of the local people. The basic objectives of the ESMP are to:

- To ensure that all mitigation measures and monitoring requirements will actually be carried out at different stages of project implementation and operation - pre-construction, construction, and operation and maintenance;
- Establish the roles and responsibilities of all parties involved in the project's environmental and social management; and
- Ensure the budget required for implementation of recommended actions aimed at environmental and social management and its enhancement.

4.5 ESMP Matrix:

Following project interventions and related mitigation measures have been planned in relation to the existing status and potentials improvements for the proposed road alignments. The proposed interconnected roads nature and physical conditions are observed and found to be same. As the interconnected roads (7 nos.) having short length (255m) to long length(2860m) and almost same characteristics and lies in same plain terrain of Municipality. Thus, most of the impacts are same in nature and stated in respective headings. However, also, site specific impacts are listed in respective sections of below table.

Table 4-2: Environmental and Social Management Plan (ESMP) Matrix

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
Physical-Construction				
1.	Obstruction due to electric poles with in construction width Total 167Nos. (Gaighat town planning: 47, Cityhall Simaltar:47, Babarani: 4, Fulchowk:8, Cityhall Ramchandra: 5, Gaighat Shivalaya:29 and Pragati tole: 27)	- Obtain all necessary permits for dismantling and relocation of electric poles from NEA. - The cost of shifting should be included in project cost - Relocate the electric poles along the alignment in coordination with the Nepal Electricity Authority - The process should be completed prior the beginning of the road construction	Municipality/DSC and Contractor in coordination with NEA.	Included in DPR BOQ (BOQ item no: A-2)
2.	Relocate and re-construction of Water Supply Pipe lines of the Triyuga small town water scheme (19.727 km pipelines likely to affected)	- Obtain permission (Obtained necessary estimation from relocation of pipes from water management committee) for relocate and reconstruction from Water Supply Management Committee. - The project must work in close coordination with the Water Supply Management Committee regarding disruption of water supply system in road section, - Alternative means of supply during the disruption and reconstruct the system will be arrange	Municipality/DSC and contractor in coordination with water supply management committee	Included in DPR BOQ (BOQ item no: A-2)

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		Details in section 2.9.		
3.	Quarrying Material and Operation	- Avoid and or minimize adverse environmental impacts arising out of quarry construction material exploitation in line with MOFE guidelines/ conditions / recommendations. - Include conditions for selecting borrow sites, timing and use of roads, maintenance of vehicles, selection of sites for material storage, rock blasting and aggregate production, handling hazardous or dangerous materials such as oil, explosives and toxic chemicals. - The construction materials will be brought from the established quarry sites located within or outside the municipality. So, the direct impact of quarries is not expected in this Subproject. - The municipality in support of DSC will monitor the quality of quarrying material and state of quarry sites. - The materials will be brought only from licensed vendors having environmental clearance. - Municipality may instruct the quarry operators to reinstate the established quarry sites as per agreed norms during environment clearance. - Prepare a CESMP and include the details of quarrying activities including required quantity, locations and required mitigation within 45 days of commencement of works and submit to the PIU for approval.	Municipality/DSC, Municipality instructs the quarry operators to reinstate the established quarry sites as per agreed norms during environment clearance (follow IEE obligations)	Covers by municipality/PIU DSC monitoring cost
4.	Issues of stockpiling and construction material	Locate and seek approval from the supervising consultant for the use of stockpile sites. The proposed campsite and stockpiling area are government land having an area of about 31436 Square meters which is situated near the north side of proposed Baruwa Bus Park (Sakela Area).	Contractor	This will be the part of Contractor's Responsibility under Contractor Cost.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		• Stockpile should not be located on water courses; should not be within 50m of schools, hospitals or public standpipes; and should not affect locals and their properties. • Obtain written permission from landowners and local bodies for stockpiling on their land. • Only barren land will be used for stockpiling and proper insulator cover and proper drain will be managed to store the chemical to avoid the leakage of chemicals. • Stock of sand will be set wet to prevent it from blowing with the wind; water sprinkler will be used for this purpose. • The places used for the stockpiling of construction materials will be cleaned promptly after the completion of the project. • The area could be leased or rented based on price not lower than the prevailing market price		This will be included in CESMP
5.	Borrow Pits	• Earth material Quantity required of the filling works, sub-grade, base and sub-base. • The construction materials will be obtained to supply and borrow pits must be legally operating with IEE approval from the concerned authority. • Implementation for the monitoring will be carried through contractor environment mitigation checklist which is prepared before the construction of structures • Reclamation of borrow pits, landscaping and tree plantation along the excavated borrow pits. • The borrow pit is proposed at the Triyuga River which is 500m (Easting 471634.00m E, Northing 2960654.00m N) far from Sagarmatha Agri road, chainage 2+140 of section	Contractor	This will be the part of Contractor's Responsibility under Contract Cost. This will be included in CESMP

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		II (near Bisanpur Harid Park) and having IEE clearance by municipality.		
6.	Spoil Disposal	- Disposal of spoil into water bodies will be strictly prohibited and Generated spoil will be disposed only at designated spoil disposal sites. - Open burning of solid waste from the Contractor's camps should be strictly banned - The scarified spoil will be disposed within the RoW width along the alignment during the construction and required additional filling quantity is direct transport from the borrow pit site which is legally operating with IEE approval from the concerned authority. - Implementation for the monitoring will be carried through contractor environment mitigation checklist which is prepared before the construction of structures. - The identified spoil deposit site is an open public space located around 500 m from Sagarmatha agri road section II end point (near Bisanpur Harid park ward-12) with area of around 10,000 sq.m has been proposed as spoil disposal site which is the government land and far from the settlement. - All the identified spoil disposal sites will be rehabilitated after disposal adopting natural drainage, and covering vegetation.	Contractor	will be the part of Contractor's Responsibility under Contract Cost.
7.	Air/Dust Management	- Road construction area shall be maintained damp by periodical spray of water. Gaighat town planning area, Simaltar, Babarani, Fulchowk and city hall area will be be needed for water spray during construction. - Delivery vehicles will be covered.	Contractor/PIU/DSC	Included under Contractor's Cost The cost for the water sprinkling will be borne by the contract package.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		• Mixing equipment will be well sealed and equipped as per existing standards. • All construction vehicles should comply with Motor Vehicles and Transportation Management Act 2049 (Third Amendment) Rules, 2066 (2010). • Provide temporary hoardings where required to minimize dust impact on locations of temples (Shiva Mandir, Sakela park/Puspalal Statue), primary health posts near Sakela park and schools (Manamohan Schol). • Provision of speed control measures in Gaighat town planning, Simaltar, City Hall, Fulchowk settlement and working areas to limit traffic speed. • Dust emission and air pollution due to construction activities and operation of heavy equipment and movement of transporting vehicles, to mitigate the impacts water will be sprinkled along the proposed road alignment and nearby dust prone area and repair and maintenance of equipment and vehicles regularly. • Air pollutant parameters (TSPM, PM10, Sox, NOx, Cox) will be monitored regularly during construction. Conforming NAAQS of Nepal. • Air quality monitoring/Sampling (at least 2 times during construction)		(For Air quality test/sampling, Noise level monitoring and water quality test NRs 500,000)
8.	Noise, vibration due to the use of heavy machinery and other construction activities,	• Vehicles and equipment used will be fitted with silencer and maintained to keep noise at minimum levels and Select equipment and machinery with lower sound power levels for the use. • Workers will be provided with appropriate ear muffs/plugs specially at crusher site	Contractor/DSC	Cost of noise level monitoring comes within the Air Quality monitoring cost above.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		• Sensitive locations i.e., Manmohan schools, , Triyuga Municipality office area etc. will avoided while placing the noise generating equipment. • Restrict activities with significant noise impacts to outside school (no horn sign). • Activities involving heavy machinery with significant noise impacts should be restricted to outside school hours. • Noise levels (1 hr Leq dB(A)) levels will be monitored regularly. Conforming WHO standards.		Costs as a result of damage from vibrations will be borne by contractor.
9.	Water Pollution	• Hazardous materials shall not be stored near surface waters sources • Used lubricants and oils shall be collected and recycled or disposed off site. • Plastic sheeting shall be placed under hazardous material storage area to collect and retain leaks and spills. • Contaminated runoff from storage areas shall be captured in ditches or ponds with an oil trap at the outlet. • Contaminated and worn plastic sheeting shall be packed into drums and disposed off site. • Water Quality (EC, PH, DO, TSS, Oil and Grease). Conforming WHO standards.	Contractor/DSC	cost of water pollution monitoring comes within the Air Quality monitoring cost included in above SN 7 of this table
10.	Labor Camp Location and Management	• Camps area should be barricades having proper maintained entrance gate and provided with a 24-hour guard having access to entry for authorized personnel only. Also, will maintain record of labor in proper way. • Camps shall not be located near settlements; near water supply intakes; or sites that affect the access by local people to drinking water.	Contractor	Included in Contractor's Cost, It is the responsibility of Contractor.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		• Camp shall not be in the vicinity of landslide and flood plains. • Provide adequate health care facilities within construction sites and provide first aid facility round the clock • Install sanitary facilities for workers to avoid open defecation by construction of temporary toilet. • Separate Camps shall be constructed for Male and female workers with separate, safe and easily accessible facilities like separate toilets, Locker room etc. • Provide and maintain proper drinking water, sewerage and waste disposal facilities at the camps. • Camps shall be provided free of cost, with electricity and regulator & adequate fuel supplies of LPG or Kerosene. • After use, sites shall be cleared and restored to near natural or stable conditions with vegetative cover.		
11.	Solid waste generation/ Waste from labor camp	• Waste minimization and waste segregation will be prioritized; 3R approach will be promoted. • Composting of organic waste generated from the camps will be disposed within the proposed camps. • Coordination with municipality for final disposal into the municipality's waste collection & disposal system. • Awareness raising event will be carried out. • Decommissioning waste will be re-used, sold to local scrap dealers. • Every week, it will be monitored for the management of waste from the camp site. • Further detailed plan will also be provided in C-ESMP with in 45days of contract agreement.	Contractor	Included in Contractor's Cost, It is the responsibility of Contractor. For awareness raising activities NRs 50,000

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
12.	Road safety and Community safety	• Cross-Roads: Development Stretch of up to 15 m of each cross-road will be developed under this project. • Installation of Road markings at all major as well as minor intersections. Road Signs and Markings Road Markings has been provided as per Traffic Sign and Marking manual as per DPR. • The signage/hoarding board needed area are Gaighat town planning, Simaltar, City Hall, Fulchowk, Sakela, DM Gate as well as Manmohan School area. • Retaining/ Breast wall: Stone Masonry Retaining wall has been provided along the alignment where embankment is required. • Installation of Street lights as per need. • Awareness activities (at least two event, minimum participants 30nos.) will be conducted to inform & aware locals regarding potentials risks and proposed safety measures related to the project activities	DSC/Contractor	Included in DPR BOQ (BOQ item no: B-7, H-41, H-42, H-43, H-44, H-46, H-47, H-48) For awareness activities NRs 50,000.00
13.	Construction Safety	• Provide barricades and green net in sites for restriction of local people movement during construction in densely populated area such as Gaighat town planning area, Babarani, Simaltar area. • PPE (helmets, masks, boots, gloves, ear plugs and goggles) should be provided for workers safety. Storm water collected should be disposed through the nearest culvert sections through side drains. • The contractor will assign a safety officer and the PIU's safeguard specialist will monitor the implementation of the OHS measures.	Contractor	It will be the part of Contractor's Responsibility under Contract Cost NRs 50,000 for worker safety materials.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		• Adequate lighting and safety signal devices be installed for work safety. • Adequate warning signs, safety barriers, traffic calming measures and persons with flags to control traffic will be provided for work safety. • Protective clothing including helmets, masks, boots, gloves, ear plugs and goggles should be provided for workers safety. • At every work place, a readily available first aid unit including an adequate supply of dressing materials will be provided. • Maintain health care system at construction camps including regular visits by trained medical staff for routine checkup of workers and avoidance of communicable disease. • Temporary diversions will be provided wherever necessary, with proper drainage facilities. • Electrical Equipment will be checked and certified regularly. • Provide and install all road signs as per design. • Impart road safety education to all community, schools, clubs and drivers of construction vehicles. • Hazards will be identified, and workers will correctly wear PPE, will properly use safety equipment, and will follow work safety arrangements. Safety signs and information will be provided and the work space will be barricaded to prevent unauthorized entry. Workers and people at the construction site will be provided with proper training, and		

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		to help ensure that workers are trained on what to do in the event that an accident occurs on site.		
14.	Traffic Management	- Emergency traffic management plan should be included in CESMP by the contractor and approved by the PIU/DSC. This is required to cope up with the restriction on the vehicular movement due to closure of road for reasons including construction. The plan may include informing about the scheduled road closure and the alternative routes identified to divert the normal traffic flow, transport material during off-peak time, - provide advance notice to stop vehicles by erecting indicator signs at a necessary distance in order to reduce congestion at the site of work, thus enabling making of proper security arrangements, or lane wise traffic management. - Traffic management for the Manmohan school, Chainage 1+550, will be maintaining traffic diversion for the teachers/students within the sub-project up to construction period. Also, alternative routes will be identified. - Traffic Safety such as street lights, traffic control devices and other features shall be covered through “Traffic Signs Manuals Vol-I and Vol II” and “Road safety manual” published by the DOR. - Provision of alternative routes to ease the congestion and built up of traffic.	PIU/ DSC and Contractor	Included in DPR BOQ (BOQ item no: B-7, H-41, H-42, H-48)
15.	Demobilization of contractor	- construction sites are cleaned from residual waste and fully reinstated; - Enabling environment is provided for natural regeneration of work base and construction sites to natural condition.	Contractor and monitored by PIU/DSC	Contractor cost.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
16.	Risk associated with others facilities like Crusher, asphalt plant	- The Contractor will develop and maintain emergency response system in order to address any accidents or other emergency situation or disaster at site such as fall of workers from height, collapse of pier, flood, earthquake, accident, etc. - The Contractor will dispose all the chemical wastes generated during the time of construction safely without interrupting the existing nearby settlements, water bodies, forests and wildlife.	Contractor and monitored by PIU/DSC	Contractor cost.
Physical-Operation				
1.	Road Stability and Drainage Management	- Road side tree plantation to mitigate possible degradation of land along the project alignment, Ensure proper compaction as per design. - Proper drainage should be maintained and monitoring should be done for clogging.	Contractor/Municipality	Municipality Regular program during Operation.
2.	Air and Noise pollution	- Maintain signs and speed restrictions on the road section within settlements area to reduce vehicle speed, dust generation, and where horns will not be blown and traffic speed will be regulated - Strict enforcement of vehicle emission standards. - Maintain road side tree plantation - Air pollutant parameters (TSPM, PM10, SOx, NOx, COx, Pb). Conforming NAAQS of Nepal. - Water quality (EC, PH, DO, TSS, Oil and Grease). Conforming WHO Standards. - Noise levels (1 hr Leq dB(A). Conforming WHO standards	Transportation entrepreneur, local people, Municipality	Municipality Regular program during Operation
3.	Water pollution	The operation of proposed work doesn't pose serious threat on water bodies; however, washing vehicles on fresh water streams will be avoided.	Drivers, Ward, local people	Municipality will monitor

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
4.	Climate change and Disaster Risk	Trees must be planted along the alignment so as to enhance the greenery and beauty of the city and to reduce erosion, draught, flood etc.	Contractor along with municipality	
Biological-Construction				
1.	Slopes stabilizations/ Landslide, Vegetation clearing.	- Bio-engineering has been proposed as mitigation for the stabilization of slopes along the road. - Civil structures like masonry wall, gabion walls are constructed during construction - There is no any vegetation loss during construction.	Contractor	Included in BOQ (BOQ item no G-38, G-39, G-40)
Biological-Operation Stage				
2.	Impact on Vegetation	Encouraging local people for protection of roadside plantation carried out during construction.	Municipality	No additional cost
Social- Construction Stage				
1.	Land use change	- Land will be required for the establishment of labor camps, storage of construction materials, workshops etc as rented basis which is the temporary in nature. - All the temporarily rented land will be rehabilitated into previous state or better than the earlier state maintaining natural drainage and acceptable to the land owner/DSC.	Contractor.	Contractor cost.
2.	Pedestrian and houseowner Safety: General people, children and elderly people.	- Diversions should be safe for children, the elderly, differently-able people and other general pedestrians during construction to ensure their mobility. - School areas i.e Manamohan School should be emphasized and adjacent transitions should be ensured. Appropriate signs and signage are used during project execution and construction to raise awareness of potential safety hazards of construction.	Contractor	Included in BOQ (BOQ item no B-7, H-41, H-42)

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		72 nos. of Zebra crossing are provided throughout the alignment in certain interval and major crossings.		
3.	Health and Sanitation	- Proper awareness on use of sanitation facility for worker, - A chlorine solution will be provided to workers to purify drinking water. - Regular health checkups, records of illness of the workers, monitoring of drinking water.	Contractor	NRs 50,000.00
4.	Child labor and forced labor	- No child (below 16 years) and forced labor will be employed in project. - Age verification document of workers will be documented and contractor will maintain the record of labor employed.	Contractor, Monitoring by DSC every month	No additional cost
5.	Occupational Health and Safety	- PPE including mask, gloves and First aid kit will be provided to the worker and also kept in Camp. - Worker will be given clear instruction to follow safety rules. - Orientation on use of PPE during construction will be provided to workers and in regular basis, Induction and refresher training to the workers will be provided. - Safe Drinking water will be provided to the camp for worker use. - Provision of insurance to cover physical damage to workers. - Contractor will be responsible to maintain the records of each and every accident and incidence and will make available to DSC/PCO/PMST as and when required. - Contractor's team, staff and laborers can also make use of the GRM to raise complaints / grievances if any	Contractor	Included in BoQ (BOQ item no B-8)

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
6.	Community Health, Safety and Security	• Display appropriate signage for use during construction and implementation of the project to enhance awareness creation on the potential hazards of the project. • Carry out site management practice such as the fencing around work area and road signage. • Increase public awareness of safety, health and environmental issues by providing information directly and indirectly through campaign.	Contractor/ Public awareness campaign by the municipality	Included in the BoQ (BOQ Item no A-3)
7.	Grievance Redress, GBV, SEA/SH risks and Stakeholder Consultation	• Use a grievance resolution process that includes a team or party for negotiation and/or mediation. • Clear and timely dissemination of project information, and safeguards aspects including anti-harassment cell; Coordination with the local stakeholders • Awareness raising, information and dissemination about GRM and GBV (meetings, monitoring and logistic costs@ 1 meeting every month) • SEA/SH awareness raising activities, trainings and stakeholder engagements such as: community based-awareness program, School based awareness program, Awareness program for women and against the gender-based violence (Domestic violence, Sexual violence) • GRM will include mechanism for referring SEA/SH-related grievances • Production of leaflets, and information dissemination through local media of ESMP, project provisions including GRM and SEA/SH and ESMP document in ward offices. • 11 awareness/ orientation/ trainings (awareness on domestic violence (3nos.), Rape/Sexual violence (3nos.), Child marriage (2ns.) CoC (3nos.)) with at least 30	PIU/DSC	NRs 1,000,000.00 (Further breakdown presented in table 4-3 below)

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		participants in each activity and will conduct during first quarter of 1st year and 3rd quarter of first year). • Skill enhancement training targeting the women, vulnerable, disadvantaged groups including IPs like Rai, Bote and Chaudhary @ 1 event.		
8.	SEA/SH risks	• Separately Camps for man & women and maintain minimum distance from one camp to other camp. • Providing female labor-centric facilities such as separate female toilets, separate female camps, separate family camps and mother's rooms on the site. • GRM will include mechanism for referring SEA/SH-related grievances. • Formulating and adopting Code of conduct including sections on the safety of women and girls (CoC should be included in all contracts and training on CoC should be provided to all workers) • CoC are understood through orientations and signed by workers.	Contractor,	This will be part of contractor's cost
Social Operation Stage				
	Encroachment of ROW	• The municipality will work with wards to discourage encroachment into the RoW.	Municipality	Cost will be borne by municipality
	Air and Noise Pollution	• Maintain signs and speed restrictions on the road section within settlements area to reduce vehicle speed, dust generation, and where horns will not be blown and traffic speed will be regulated. • Strict enforcement of vehicle emission standards. • Maintain road side tree plantation • Air pollutant parameters (TSPM, PM10, SOx, NOx, COx, Pb). Conforming NAAQS of Nepal.	Municipality	Municipality will be responsible during operation stage.

Stage	Impact	Mitigation Measure	Responsibility *	Cost (Remarks if any)
		- Water quality (EC, PH, DO, TSS, Oil and Grease). Conforming WHO Standards. - Noise levels (1hr Leq dB(A). Conforming WHO standards.		
	Traffic accidents and associated risks	- Raise awareness of traffic rules, pedestrian / cycle lanes and installation of speed bumps to control speed near pedestrian crossing areas - Traffic management plan will be developed, especially along congested locations. - Traffic control measures, including speed limits will be enforced strictly. - Further encroachment and squatting within the ROW will be prevented.	Municipality	Cost will be borne by municipality
	Limited access for elderly and differently-able people	Provide training on the use of facilities; maintain signboards, lights, instructions in strategic locations.	Municipality	Cost will be borne by municipality

4.6 Summary of Costs of ESMP Activities

The summary of costs for the ESMP activities is outlined in **Table 4-3** below

Table 4-3: Summary of Cost of ESMP Implementation

SN	Items & Headings	Unit	Qty	Rate	Total, NPR	Remarks
1	Water quality test	Samples	4		500,000	
2	Air quality monitoring/Sampling	Samples	2			
3	Noise level monitoring	Samples	2			
4	Awareness/trainings on GBV, SEA/SH and will conduct during first quarter of 1st year and 3rd quarter of first year) with at least 30 participants in each event	Events	11	50000	550,000	
i	Awareness program on reduction of sexual violence/rape cases	Events	3			
ii	Awareness program regarding domestic violence (physical/ Mental abuse)	Events	3			
iii	Awareness for reduction of Child marriage	Events	2			
iv	Awareness/Training on CoC	Events	3			
5	Solid waste management	Events	1		50,000	
6	Awareness on Health and sanitation of workers and provision of chlorine solution	Events	1		50,000	
7	Awareness on Road safety and community safety	Events	2	25000	50,000	
8	Construction safety (PPE, Protective clothing including helmets, masks, boots, gloves, ear plugs, goggles etc)	LS	1	50000	50,000	
9	Skill enhancement training targeting the women, vulnerable, disadvantaged groups including IPs like rai, bote and chaudhary @ 1 event (NRs 100,000 per event)	Event	1	100000	100000	
10	Social safeguards (grievance meetings, site monitoring, etc)	Meetings/Events	18	12500	225,000	
11	Information dissemination materials and medium					
	(a) Leaflets and ESMP document printing				50,000	
	(b) PSA (local media)		3	25,000	75,000	
	Total				1,700,000	

Table 4-4: Implementation Schedule for Social Measure, GBV, SEA/SH

S N	Activities	Nos. of event					2024												2025						Remarks/ Targeted people	Responsibi lity								
			11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6												
1	Awareness/ Orientation/Training on SEA/SH, GBV																																	
i	Awareness on reduction of Physical and Mental Abuse.	3																										Local people	DSC/PIU					
ii	Awareness on sexual violence/rape cases	3																										Youth of project area	DSC/PIU					
iii	Awareness on reduction of Child Marriage	2																										Girls in Schools	DSC/PIU					
2	Skill enhancement training targeting the women, vulnerable, disadvantaged groups including IPs like Rai, Bote and Chaudhary	1																										Women, vulnerable, disadvantaged groups (IPs)	DSC/PIU					
3	Orientation on Code of conduct for Project staffs and contractors/subcontractors to manage GBV/SEA/SH risks	3																										Project staffs, staffs of contractors and sub-contractors	Contractor /DSC/PIU					
4	Awareness on Health and sanitation for workers	1																										Workers	Contractor /DSC/PIU					
5	Awareness on Road safety and community safety	2																										Locals/ Workers	Contractor /DSC/PIU					
6	Awareness on Solid waste Management	1																										Workers	Contractor /DSC/PIU					
7	Regular monitoring and reporting																												DSC/PIU					

Table 4-5: Implementation schedule for Environmental measures

SN	Impact	Mitigation Measures	2024												2025					
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
1	Air Pollution (Dust)	Water Spray																		
2	Other air pollution parameters	Instrumental analysis																		
3	Water pollution	Lab analysis																		
4	Noise pollution	Instrumental analysis																		
5	Spoil disposal	Proper Supervision																		
6	Borrow pits	Excavation as specified, Reclamation and rehabilitation																		
7	Road Traffic safety	Installation of safety sign boards, campaigning																		
8	Campsite monitoring	Supervision																		
9	Occupational Health & Safety	Safety awareness programme, PPE																		
10	Solid Waste Management	Disposal practice, 3R principal awareness for worker																		
11	Loss of vegetation; greenery promotion	Road side plantation																		
12	Quarry sites	Excavation as specified, Reclamation and rehabilitation																		

4.7 Environmental & Social Monitoring

Environmental and social monitoring is an essential tool to make ensure the implementation of mitigation measures and to know the effectiveness of those measures. ESMP monitoring is necessary for the following purposes;

- to track the impacts,
- to evaluate the effectiveness of proposed mitigation measures, and
- to suggest improvements, if any new circumstances arise.

The following table summarizes the plan for environmental and social monitoring for the proposed project;

Table 4-6: Environment and Social monitoring Plan

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
A	Construction Phase					
1.	Air quality monitoring	Settlement areas near road alignment	At least TSP; PM ₁₀ /PM _{2.5}	Air Sampler / Detector	Quarterly	DSC
2.	Noise Levels	Settlement areas near road alignment	Average noise levels (L _{eq})	Noise Meter / Android Application	Every Month	DSC
3.	Water Quality	Near disposal site and Campsite	Parameters as per ESMF of the project	Laboratory Analysis	Quarterly	DSC
4.	Spoil Disposal	Along road alignment	Spoil tip sites; road sections where spoils are generated	Site verification	Every month	Contractor/ DSC
5.	Road Traffic safety	Along road alignment	Status of road for use; road accidents records, Management of diversion, traffic signboards, flow of existing traffic, accessibility to the locals, grievances etc.	Use of Logs; Records of complaints	Every Month	DSC, PIU
6.	Camp site monitoring	Campsite	Space for workers; Potable water; Sanitation facilities; waste management, First Aid, rehabilitation after closure of the camp sites etc.	Site verification; records of provisions of WASH materials;	Every Month	DSC, PIU
7.	Occupational Health & Safety	Active construction sites; camp site	Provision/Use of PPEs; First Aid/treatment; Awareness/	Site verification; records of supply of	Every Month	DSC, PIU

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
			orientations conducted for workers	PPEs; records of events		
8.	Solid Waste Management	Camp site and along the alignment and other construction areas	Types of waste generation, quantity, disposal practice	Observation	Every Month	DSC, PIU
9.	Loss of vegetation; greenery promotion	Active construction sites; road sections passing through vegetated area	Site clearance at vegetated areas; plantation works, maintenance etc. as per EMP.	Site verification; records of trees cut; records of newly planted trees	Every Month	DSC, PIU
10.	Impact upon physical structures due to vibration of heavy machinery	Along the alignment	Public and private structures affected/cracks shown, loss of business, rehabilitation and relocation, etc.	Site verification, observation, documents in place.	Every Month	DSC, PIU
11.	Quarry sites	All the quarry sites	Land slide, water logging, impact upon public, impact upon water bodies, dust, impact upon physical structures, complain and grievances, rehabilitation of the sites etc.	Observation	Every Month	DSC, PIU
12.	Borrow pits	All the borrow pits excavated for the project	Land slide, water logging, dust, and impact upon private land, impact upon physical structures, complain and grievances, rehabilitation of the sites etc.	Observation	Every Month	DSC, PIU
13.	GBV and SEA/SH	Work sites; settlement areas near camp site	Laborers' records; Cases of GBV in relation to project works; any unrecorded cases	Community consultation; GRM records	Every Month	DSC, PIU
14.	Other facility sites established by the contractor	Project area		Observation	Every Month	DSC, PIU
B	Operation & Maintenance Phase					

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
1	Road stability	Road alignment	Status of slopes along road alignment; status of road components	Site verification; ward records; traffic police office records	Every 3 months - 1 st year; Bi-annually after that	Municipality
2	Water pollution	Surface flows (natural drainages & irrigation canals)	Parameters as per standards (Annex IV)	Laboratory Analysis	Every 6 Months	Municipality
3	Vegetation/tree survival rate	Plantation sites	Number of surviving trees; status of planted trees	Site verification; interaction with road-side communities	Every 6 Months	Municipality
4	Road safety	Road alignment and adjacent settlements	Road accidents; status of road components	Site verification; interaction with road users	Every Month	Municipality

Monitoring activities during O&M Phase will need to be scheduled based on site requirements. Contractor will be responsible for monitoring during DLP period. After the DLP period, Triyuga Municipality will be responsible for the Operation and Maintenance phase of sub project.

5. STAKEHOLDER ENGAGEMENT AND INFORMATION DISSEMINATION

5.1 Stakeholder Engagement

The local community, ward offices, water supply user committees, School, labourers and farmers were consulted during the preparation of the ESMP. Consultations were also carried out with the women and indigenous communities living along the proposed road alignment. The main objectives of these consultations were to aware public on environment and social issues, find the issues/mitigations to be included in ESMP report. Focused group discussions (FGDs), formal consultation meetings, and Key informant interview (KII) were used to engage as many locals as possible during the public consultation process. The details of design aspects of the road, social & environmental safeguards, and GBV aspects were discussed during the public consultations. The list of people and institutions consulted are presented in **Table 5-1, 5-2**, minutes are attached in **Annex II** and issues raised during consultations are listed in **Annex VIII**.

Consultation summary/issues raised during consultations

Consultation with locals and stakeholders were carried out to gather information and interact local people to implementation process, procedure and community roles and responsibilities during and after construction as well as preparation phase. People in the project area have shown their commitment to supporting the project. There is no other objection except the completion of construction on time and maintaining specified quality.

During the consultation, peoples mainly emphasized on the quality of road and the material that will be used during the construction as well as proposed components of the roads, other concerns of locals are summarized below.

- Must be completed on time.
- Water must be sprayed during the construction phase
- Women empowerment must be taken into consideration.
- Women must be given priority for the work during the construction phase.
- Road safety must be taken seriously during construction phase.
- No any conflict/issue for the construction of the road.

Table 5-1 People consulted during field study

SN	Category	Male	Female	Total	%	Remarks
1	Brahman	63	22	85	19.91	
2	Kshetri	64	39	103	24.12	
3	Tharu	23	8	31	7.26	
4	Newa: (Newar)	43	9	52	12.18	
5	Rai	22	64	86	20.14	
6	Tamang	2	2	4	0.94	
7	Bishwokarma	5	10	15	3.51	
8	Sarki	1	5	6	1.41	
9	Lama	1	1	2	0.47	

SN	Category	Male	Female	Total	%	Remarks
10	Pariyar	3	0	3	0.70	
11	Giri	0	3	3	0.70	
12	Bhujel	1	0	1	0.23	
13	Majhi/Bote	14	5	19	4.45	
14	Thebe/Magar	2	11	13	3.04	
15	Other (Sada, Pamjiyar)	2	2	4	0.94	
Total		246	181	427	100	
%		57.6	42.4	100		

Source: field study 2023

Table 5-2: Details of participants during consultations

SN	Date	Name of the Road	Name	Organization	Consultation type	Remarks
1	2080-05-25	Mayor	Basanta Kumar Basnet	Triyuga Municipality	KII	
2	2080-05-24	Deputy Mayor	Maheshwori Rai	Triyuga Municipality	KII	
3	2080-05-20	Engineer	Nirmal Chaudhary	Triyuga Municipality	KII	
4	2080-05-24	W-11 Chair	Shumanta Koirala	Triyuga Municipality	KII	
5	2080-05-24	W-13 Chair	Nabin Kumar Chaudhary	Triyuga Municipality	KII	
6	2080-05-25	W-12 Chair (Acting)	Anita Thapa	Triyuga Municipality	KII	
7	2080-05-25	Ward Member, W12	Ramkali BK	Triyuga Municipality	KII	
8	2080-05-22	W-10 Chair	Kiran Panday	Triyuga Municipality	KII	
9	2080-05-24	Town Planning	Shahi kumar Tuladhar	Triyuga Municipality	KII	
10	2080-06-10	CAO, Triyuga Municipality	Bishnu Bhakta Sigdel	Triyuga Municipality	KII	
11	2080-05-24	Town planning	Shashi Kumar Tuladhar and other Himali tole members	Himali tole	FGD	
12	2080-06-11	Town planning	Ramesh Dahal and other tole members.	Jyotinagar tole bikas	FGD	
13	2080-05-11	City Hall Simaltar	Devi Prasad Khatiwoda and other tole members.	Shivalaya tole bikas Sastha, W-11	FGD	
14	2080-05-11	City Hall Simaltar	Nabin Karki and other tole members.	Indreshwor tole bikas Sastha, W-11	FGD	
15	2080-05-12	Babarani DM gate	Tek Bahadur Thapa and other tole members.	Babarani Tole bikas, Ward-11	FGD	
16	2080-05-07	Fulchowk	Tara Prasad Chaudhari and other tole members.	Fulchowk tole bikas, Ward-12	FGD	Chaudhary
17	2080-05-07	Fulchowk	Lawa Dhakal and other tole members.	Anamnagar tole bikas, Ward-12	FGD	

SN	Date	Name of the Road	Name	Organization	Consultation type	Remarks
18	2080-05-07	Fulchowk	Renu Kumar bote and other tole members.	Locals of Bote tole	FGD	Bote/Chaudhari
19	2080-05-09	Cityhall Ramchandra	Sabina Phuyal and other tole members.	Namuna Marga tole bikas sastha	FGD	
20	2080-06-08	Gaighat Shivalaya	Bhabindra Khatri and other tole members.	Ramailodanda tole bikas Sastha	FGD	
21	2080-06-08	Gaighat Shivalaya	Kalpana Khatri and other women members.	Ramailodanda tole (10 nos.)	FGD	Women Group
22	2080-05-24	Pragati tole	Basanta Kumar Basnet and other Municipality srepresentatives.	Triyuga Municipality	FGD	Municipality
23	2080-05-23	Pragati tole	Gita Rai and other tole members.	Chair, Sakela tole bikas Sastha, Ward-11	FGD	
24	2080-05-25	Pragati tole	Aasha Rai and other tole members.	Sakela Women Group, Ward-11	FGD	Women Group
25	2080-05-11	Pragati tole	Tilak Bahadur Katuwal and other tole members.	Janajyoti tole bikas Sastha, Ward-13	FGD	
26	2080-05-24	Town planning	Shashi Kumar Tuladhar	Himali tole/Locals	Meeting	
27	2080-06-11	Town planning	Bharat Prasad Chaudhary and other tole members.	Jyoti Nagar tole bikas	Meeting	
28	2080-05-11	City Hall Simaltar	Devi Prasad Khatiwoda and other tole members.	Shivalaya tole bikas Sastha, W-11	Meeting	
29	2080-05-12	City Hall Simaltar	Nabin Karki and other tole members.	Indreshwor tole bikas Sastha, W-11	Meeting	
30	2080-05-12	Babarani DM gate	Bishnu Shrestha with other tole members/ Locals.	Ward member/Locals, Ward-11	Meeting	

SN	Date	Name of the Road	Name	Organization	Consultation type	Remarks
31	2080-05-07	Fulchowk	Tara Prasad Chaudhari and other tole members.	Fulchowk tole bikas, Ward-12	Meeting	Chaudhary
32	2080-05-07	Fulchowk	Narman Bot and other tole members.	Ward 12 Chair and Locals	Meeting	Bote
33	2080-05-07	Fulchowk	Shankar Bahadur Kathayat and Locals	Locals, Ward 12	Meeting	
34	2080-05-12	Cityhall Ramchandra	Bishnu Shrestha and other local tole members	Locals, Ward-11	Meeting	
35	2080-06-08	Gaighat Shivalaya	Subindra BK and other tole members.	Ramailodanda tole bikas Sastha	Meeting	
36	2080-06-08	Gaighat Shivalaya	Kalpana Khatri	Ramailodanda tole	Meeting	Women Group
37	2080-05-23	Pragati tole	Gita Rai and other tole members.	Sakela tole bikas Sastha, Ward-11	Meeting	
38	2080-05-11	Pragati tole	Tilak Bahadur Katuwal and other tole members.	Pragati tole bikas Sastha	Meeting	
39	2080-06-12	Pragati tole	Kala Rai and other tole members.	Sakela tole	Meeting	Sakela tole Rai Community

5.2 Information Dissemination

All details regarding the suggested activities and their anticipated outcomes would be made available to the impacted people and other stakeholders. The project will make all necessary disclosures during each step of the project cycle in cooperation with the relevant municipal authorities, NGOs, and other community groups. In order to mutually identify relevant protective or corrective measures, agencies working for environmental and social elements will also be notified about the ongoing and planned activities. The following strategies will be used to ensure that information is available to all parties involved throughout the project cycle.

- Mass Media: Use local media like newspaper, radio and TV.
- Meeting/Workshops
- Distribution of project documents: Certain project documents will be disclosed in Nepali (or other relevant local language). Project-related information materials will be distributed prior to each construction work to local officials, local people, stakeholders and other concerned offices like municipality, Ward, Tole Committee etc.
- Publish ESIA/ESMP, information about grievance mechanism and other project related activities in the municipality's website.

An Information Centre will be established at the municipality office during implementation to disseminate all the documents related to the project activities. Based on the public information disclosure policy, PCO and the municipality will disclose the information through its website. The information dissemination plan for proposed Road sub project is presented in **Table 5-3**.

Table 5-3: Information Dissemination Plan

Means of Communication	Timeline & Frequency	Responsibility	Resources
Municipality Website (Project details, ESMP, GRM)	At the start of the project, & maintained throughout	PIU/ Information Officer	Information Officer
Newspaper and local Radio (project salient features, dates, GRM etc.)	Project implementation phase Weekly basis	PIU, municipality Information Officer	Radio-program, FM Radio Clip
Project leaflets and Fact Sheet,	Project details, Implementing agencies, project period - 2 times	PIU, Information Officer	Double-sided colour A4 (500 copies)
Face to face engagements - meetings, focus group discussion with relevant stakeholders	Project Main Activities, Financial Assistance, Implementing agencies, project period etc. 2 time in year	PIU, Information Officer	
Ward offices and Municipal social section/Library (Hard copy of ESMP)	Project period- 2 times	PIU/Municipality	Focal person

5.3 Public/Community Consultation Plan

During project implementation phase, all consultations on social and environmental issues will be conducted in a way that includes women and vulnerable social groups (such as low-income households,

members of certain castes, and people with disabilities, among others). Details of the Project Consultation Plan are presented in **Table 5-4**.

Table 5-4: Stakeholder consultation Plan

Objective and Target Goal	Method	Responsibility
I. Build Local Ownership		
Introduce Project DPR Report and its components	Group Meeting/Workshops	DSC/ Municipality
Maintain efforts for two-way communication with relevant stakeholders through the project	Face to face meeting with concerned stakeholders	DSC, Ward Level Representatives.
II. Start Consultation Process with Potentially Affected Communities by construction and operation of road		
Identify communities to be potential affected by project	Electronic and face to face communication with relevant stakeholders and implementing agencies	DSC, Municipality Ward Representatives
Consult with community representatives and ensure that their concerns with the proposed project are addressed	Face to face meeting with community representative Meeting will take place following protocol for meeting.	DSC, Municipality Ward Representatives
Ensure that the views and needs of vulnerable segment (if required) of communities, including but not limited to poor, women, elderly, and are addressed by the subproject	Face to face meeting with affected communities' representative (including social officer of Municipality, women's representative etc.)	DSC, Municipality Ward Representatives.
III. Implementation Phase		
Maintain effective communication with PIU	Electronic and face to face communication with representative of relevant agency /organization	PCO, Design and Supervision Consultant Municipality Ward Representatives
Raise awareness of project activities among potential beneficiaries	Media advertisements and targeted campaign	DSC/ Municipality
Maintain consultation process with a potential affected communities and beneficiaries	Face to face meeting with affected communities' representative (including social officer of Municipality, women's representative etc.)	Design and Supervision Consultant Municipality Ward Representatives
Monitoring and evaluation community involvement	Face to face meeting with affected communities' representative	Design and Supervision Consultant Municipality Ward Representatives
Reports outlining progress of activities related to engagement and communication	Collation of progress report, self-evaluation by PCO	PCO

Objective and Target Goal	Method	Responsibility
Agreement on operation and maintenance system	Electronic or face to face communication with relevant stakeholder Face to face meeting with local authority	Design and Supervision Consultant Municipality Ward Representatives
Implementation of ESMP	The contractor will prepare the various standalone plans to comply with ESMP requirements By including all the stand alone plans, the contractor will prepare Contractor's Environmental and Social Management Plan (ESMP) and submit it to PIU. This requirement will be included in the contract BOQ	The contractor's bid document must include the requirements outlined in the ESMP. Before work starts, the contractor will draft the stand-alone plans, present them to the PIU, and get permission. The standalone plan comprises, among other things, a management plan for the environment, health, and safety; a strategy for traffic; a plan for handling complaints; a plan for managing spoils; a plan for disaster readiness; a plan for managing camps; a plan for managing labor; and a plan for managing air, water, and noise.

5.4 Grievance Redress Mechanism (GRM)

As part of the implementation stage the PIU, the project municipality, project engineers and environment and social staffs will directly interact and consult with the people of project alignment. The people of project alignment will be able to raise any grievances related to sub project with the subproject grievance redress mechanism (GRM), to help ensure the successful implementation of resettlement measures. At first instance, the project-affected grievant should raise their grievance with the information office of the project, and the information office will determine whether it can be resolved within the project, at the ward level, or whether another mechanism should be used. PAPs will be exempt from all administrative fees incurred, pursuant to the grievance redressed procedures except for cases filed in court. More details regarding the GRM are discussed in the following sections.

5.4.1 Structure of the GRC

Two-level Grievance Redress Committee (GRC) has been formed for the sub-project. The composition of the proposed GRC is given below. The GRC formation related municipality letter is attached in **Annex-II**.

a. The first level of GRC sits at the project site level. It is composed of the following team:

Chairperson of ward 11, Mr. Sumanta Koirala	– Coordinator
Ward Chairperson, ward-10, Mr. Kiran Pande	--Member
Acting Ward Chairperson, ward-12, MRs. Anita Thapa	--Member
Ward Chairperson, ward-13, Mr. Nabin Kumar Chaudhary	--Member
Ward member, ward-10, MRs Urmila BK	--Member
Ward member, ward-11, MRs Nila Kakri Dholi	--Member
Ward member, ward-12, MRs Ram kali Biswokarma	--Member

DSC (Supervision Engineer/Social/Environmental Safeguard Specialist)– Member Secretary

b. The second level GRC at the municipality level. It will comprise of the following team.

Mayor	– Coordinator
Deputy mayor	– Member
Chief, Administrative section	– Member
NUGIP focal person	– Member
Municipality’s Grievance Officer	– Member
Chief, Municipality’s Social Development section	– Member
DSC (Supervision Engineer/Social/Environmental Safeguard Specialist)–Member Secretary	

c. The third level GRC will be established at PCO Level.

5.4.2 Processes of the GRM

Grievances shall be submitted through various mediums, including in person, in written form to a noted address, through a toll-free phone line or through direct calls to concerned officials, and emails. The PCO will appoint a person (Operator) at PCO- Kathmandu to receive such calls and online messages. The person (Operator) based on nature of complaint, will forward the same to the information office or ward committee.

A ticket or a unique number will be generated for all such call, messages and letters. The complainant will follow up based that unique number with Operator at PCO-Kathmandu. All complaints will be responded within two weeks at any level. In case response is not received from 1st level within 15 days, the complaint will be escalated to next level. If complaint remains unaddressed at 1st and 2nd within maximum 30 days after registering the complaint, it will be elevated to 3rd level at PCO level. The PCO within 7 days of time should instruct the concerned person at Triyuga municipal level to arrange for a hearing within maximum 5 days of time. Effort will be given by all levels of GRCs to conduct hearing and resolve the concern at their level up to the satisfaction of complainant within the stipulated timeframe. In case 1st and 2nd level GRCs are unable to resolve the concern up to the satisfaction of complainant, these GRCs’ or Complainant may approach to 3rd level of GRC at PCO Level. After conducting hearing at any level of GRC, the decision will be communicated to complainant within maximum 30 Days of time.

All local contact information and options for complaint submission will be available on site, on Toles, Wards, municipality office, PCO on information boards and the project municipality websites. A half yearly report on Grievance Redress by the subproject project will be prepared and will be sent to the project municipality’s GRCs by Wards’ GRCs and ultimately to GRC of PCO. The PCO will forward the same to the World Bank.

The project GRM will include a process for addressing any SEA/SH-related grievances SEA/SH cases and to provide training/orientation on SEA/SH cases.

5.4.3 Further details of the GRM

The functions of grievance mechanism include redressing grievances of community / beneficiaries /project affected persons in all project respects, providing rehabilitation and resettlement assistance and related activities, and hearing grievances from workers involved in the project at any level or phase. The system

should be established to report back to the concerned community or persons regarding the decision on the complaint. The grievances related to women should be dealt by women officer. As required, the social mobilizers will be recruited. GRC will deal/hear the issues related to Environment, R&R and individual grievances and will give its decision/verdict within 30 days after hearing the aggrieved person. The final verdict of the GRC will be given by the Head of GRC in consultation with other members of the GRCs and will be binding to all other members. Potential grievances which may need to be addressed are listed below:

- Access to resource /utility/facility
- Ambient air and noise Quality
- Impact on water quality/resource
- Grievance from vulnerable community
- Gender related issues
- Grievances from workers
- Safety and risk repeated to project development

5.4.4 Other Mechanisms for Grievance Redress

All complainants have the option to approach court/judiciary or the World Bank's Grievance Redress Service in case he or she is not satisfied with the verdict provided.

6. LIST OF REFERENCES

- Environment Protection Act, Government of Nepal, 2019
- Environment Protection Regulations, Government of Nepal, 2020 (and amendments)
- Environmental and Social Management Framework, Nepal Urban Governance and Infrastructure Project, August 2020, the World Bank
- Final Detailed Project Report on Upgradation of Different inter connected Road (9.929Km) Sections, Triyuga Municipality Road, September 2023
- Nepal Human Rights Year Book 2023, Informal Sector Service Center (INSEC), Kathmandu.
- Project Implementation Manual, Nepal Urban Governance and Infrastructure Project, December 2022, the World Bank
- <https://censusnepal.cbs.gov.np>
- IEE Report of Triyuga, Baruwa River
- Municipality Profile of Triyuga Municipality 2019
- <https://Tiryugamun.gov.np/>

7. LIST OF ANNEXES

Annex I: Environmental and Social Screening Checklists

Annex II: Minutes, Public Notice and Letters

Annex III: Proposed Typical Cross Sections

Annex IV: GoN Permissible Environmental limits/standards

Annex V: Air, Noise and Water Quality Test Report

Annex VI: List of Zebra crossings

Annex VII: Code of Conduct (CoC) on GBV

Annex VIII: Stakeholder Consultation Details

Annex IX: Existing electric pole details

Annex X: Photographs

Annex XI: Cadastral Maps of Alignment.

Annex XII: Alternative route.

Annex I: Environmental and Social Screening Checklists

Name of the Road: a) Gaighat town planning area Road Section

Table 7-1 Environment Screening Checklist for Gaighat town planning area Road

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)	Yes			Possibility of Earthquake Natural Disaster, flooding
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance) ☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance		No		
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road is lies in plain area. Thus, there is less chances to degradation of land and ecosystem.
5	Is the project area densely populated?	Yes			
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary		No		

	wastes from worker-based camps and chemicals used in construction				
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.
13	Possibility of increased air pollution during preconstruction/ construction/ operation phase?				Short term impact during Upgrading work. ESMP measures applicable.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?				Short term impact during Upgrading work.
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation	Yes			Physical hazards like accidents and illness are likely
16	Noise and vibration due to blasting and/or other civil works?	Yes			Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal	Yes			Campsite management aspect, ESMP measures applicable
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility	Yes			Short term impact during Upgrading work.

23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.
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Table 7-2 Checklist Social Screening of Gaighat town planning area Road

SN	Particulars		Remarks
1	Proposed Site Location		
	a	Land requirement for the project	It is an up-gradation of an existing road. There will be no additional land requirement.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc
	c	Is the project requiring acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requiring acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ ☐ Agricultural purposes ☐ ☐ Residential purposes ☐ ☐ Commercial purposes ☐ ☐ Other purposes (Indicate)	Public use
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ ☐ All Mainstream ☐ ☐ All Indigenous peoples ☐ ☐ Majority Mainstream or Non-indigenous peoples ☐ ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project.
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	There is no adverse impact to woman headed households in the project area as no land acquisition is anticipated for proposed project
	c	Will community facilities require relocation?	Yes,

SN	Particulars		Remarks
			Triyuga Small town water supply pipeline and electric poles likely to affected.
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, solid waste patterns are likely to be affected with the increase in the number of outside workers during Upgrading.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Yes
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	Yes, change in road morphology and disruption in the infrastructure like drinking water, electric lines will cause inconvenience. Traffic management plan will be prepared by the contractor and will be included in Contractor's Site specific ESMP.
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No such concerns
	k	RAP/ARAP Requirement	Not required

Name of the Road: **b) City Hall Simaltar Gaighat Diktel Road Section****Table 7-3: Environment Screening Checklist for City Hall Simaltar Gaighat Diktel road section**

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)	Yes			Possibility of Earthquake Natural Disaster, flooding.
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance) ☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance		No		The project RoW is devoid of such archaeologically and culturally significant areas and national parks.
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no high slope having unstable surface and land slide prone areas. The road lies in plain area. Thus, there is less chances to degradation of land and ecosystem.
5	Is the project area densely populated?			Partial	
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction		No		

SN	Particulars	Yes	No	Can't Say	Remarks
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.
13	Possibility of increased air pollution during preconstruction/ construction/operation phase?				Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?				Short term impact during Upgrading work.
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation				Short term impact during Upgrading work.
16	Noise and vibration due to blasting and/or other civil works?				Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal		No		
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)			Partial	Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.

SN	Particulars	Yes	No	Can't Say	Remarks
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-4: Social Screening Checklist for City Hall Simaltar Gaighat Diktel road section

SN	Particulars		Remarks
1	Proposed Site Location		
	a	Land requirement for the project	It is an up-gradation of an existing road. There will be no additional land requirement. Due to the narrow sections i.e from 2+820 to 2+860 the construction width of proposed road is 10.65 m.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc.
	c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ Agricultural purposes ☐ Residential purposes ☐ Commercial purposes ☐ Other purposes (Indicate)	Public use
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ All Mainstream ☐ All Indigenous peoples ☐ Majority Mainstream or Non-indigenous peoples ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project.

SN	Particulars		Remarks
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	Yes, Triyuga Small town water supply pipeline and electric poles are likely to be affected.
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Yes, there will be concern of sanitation and solid waste disposal in construction camp and work sites.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Yes
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	The project area during the project construction works, other activities except commercial activities will be not affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the construction width of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Name of the Road: **c) Babarani DM Gate Road Section**

Table 7-5: Environment Screening Checklist Babarani DM Gate Road Section

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)		No		Possibility of Earthquake Natural Disaster, flooding.

SN	Particulars	Yes	No	Can't Say	Remarks
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance) ☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance		No		The project RoW is devoid of such archaeologically and culturally significant areas and national parks.
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road is lies in plain area. Thus, there is less chances to degradation of land and ecosystem.
5	Is the project area densely populated?			Partial	
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction		No		
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.

SN	Particulars	Yes	No	Can't Say	Remarks
13	Possibility of increased air pollution during preconstruction/construction/operation phase?				Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?				Short term impact during Upgrading work.
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation				Short term impact during Upgrading work.
16	Noise and vibration due to blasting and/or other civil works?				Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal		No		
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-6: Social Screening Checklist Babarani DM Gate Road Section

SN	Particulars	Remarks
1	Proposed Site Location	

SN	Particulars		Remarks
	a	Land requirement for the project	Land within the RoW is already in use by the public. It is the upgradation existing road. There will be no additional land requirement. Due to the narrow sections i.e from 0+260 to 0+420 and from 0+520 to 0+610 the construction width of the proposed road is 6.3 m and 6.75 m respectively.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc.
	c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ ☐ Agricultural purposes ☐ ☐ Residential purposes ☐ ☐ Commercial purposes ☐ ☐ Other purposes (Indicate)	Public use
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ ☐ All Mainstream ☐ ☐ All Indigenous peoples ☐ ☐ Majority Mainstream or Non-indigenous peoples ☐ ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project.
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	No
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	Yes,

SN	Particulars		Remarks
			Triyuga Small town water supply pipeline and electric poles likely to affected
	e	poor sanitation and solid waste disposal in construction camps and work sites	Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, solid waste patterns are likely to be affected with the increase in the number of outside workers during Upgrading.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Yes
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	The project area during the project construction works, other activities except commercial activities will be not affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Name of the Road: **d) Fulchowk PG Chowk Road Botetole Triyuga Corridor section**

Table 7-7: Environmental Screening Checklist for Fulchowk PG Chowk Road Botetole Triyuga Corridor Section

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)		No		Possibility of Earthquake Natural Disaster, flooding

SN	Particulars	Yes	No	Can't Say	Remarks
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance) ☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance		No		
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road is lies in plain area. Thus, there is less chances to degradation of land and ecosystem. However, during DPR stage it will be considered.
5	Is the project area densely populated?			Partial	
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction	Yes			ESMP measures applicable.
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.

SN	Particulars	Yes	No	Can't Say	Remarks
13	Possibility of increased air pollution during preconstruction/construction/operation phase?	Yes			Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?				Short term impact during Upgrading work.
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation				Short term impact during Upgrading work.
16	Noise and vibration due to blasting and/or other civil works?				Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal		No		
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-8: Social Screening Checklist for Fulchowk PG Chowk Road Botetole Triyuga Corridor Section

SN	Particulars	Remarks
1	Proposed Site Location	

SN	Particulars		Remarks
	a	Land requirement for the project	Land within the RoW is already in use by the public. It is an up-gradation of an existing road. There will be no additional land requirement.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc
	c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ Agricultural purposes ☐ Residential purposes ☐ Commercial purposes ☐ Other purposes (Indicate)	Public use
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ All Mainstream ☐ All Indigenous peoples ☐ Majority Mainstream or Non-indigenous peoples ☐ Majority Indigenous peoples	Majority Indigenous peoples
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	Yes, Triyuga Small town water supply pipeline and electric poles likely to affected
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Suggested to use local worker during construction but Influx of

SN	Particulars		Remarks
			people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, solid waste patterns are likely to be affected with the increase in the number of outside workers during Upgrading.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Pressure upon existing water supply system, food availability, are likely to be affected with the increase in the number of outside workers
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	The project area during the project construction works, other activities except commercial activities will be not affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Name of the Road: **e) City Hall Ramchandra Basnet house Road Section**

Table 7-9: Environmental Screening Checklist for City Hall Ramchandra Basnet house Road Section

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)	Yes			Possibility of Earthquake Natural Disaster, flooding
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ ☐ Cultural heritage site (historical, religious, traditional, or cultural significance)		No		The project RoW is devoid of such archaeologically and culturally significant areas and national parks

SN	Particulars	Yes	No	Can't Say	Remarks
	☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance				
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road lies in plain area. Thus, there is less chances to degradation of land and ecosystem. However, during DPR stage it will be considered.
5	Is the project area densely populated?				
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction	Yes			ESMP measures applicable.
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.
13	Possibility of increased air pollution during preconstruction/construction/operation phase?				Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that		No		

SN	Particulars	Yes	No	Can't Say	Remarks
	may trigger cases of upper respiratory problems?				
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation	Yes			Physical hazards like accidents and illness are likely
16	Noise and vibration due to blasting and/or other civil works?	Yes			ESMP measures applicable
17	Possibility of poor sanitation and solid waste disposal	Yes			Campsite management aspect, ESMP measures applicable
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project	Yes			Injuries during construction phase, and traffic accidents during operation phase are potential risks
20	Population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-10: Social Screening Checklist for City Hall Ramchandra Basnet house Road Section

SN	Particulars	Remarks
1	Proposed Site Location	
a	Land requirement for the project	Land within the RoW is already in use by the public. It is an up-gradation of an existing road. There will be no additional land requirement. Due to the narrow sections, from 0+160 to 0+240 the

SN	Particulars		Remarks
			construction width of the proposed road is 6.3 m.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc
	c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No.
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ Agricultural purposes ☐ Residential purposes ☐ Commercial purposes ☐ Other purposes (Indicate)	Public use.
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ All Mainstream ☐ All Indigenous peoples ☐ Majority Mainstream or Non-indigenous peoples ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	Yes, Triyuga small town water supply pipeline and electric poles likely to affected.
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as

SN	Particulars		Remarks
			water, existing food availability, solid waste patterns are likely to be affected with the increase in the number of outside workers during Upgrading.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Pressure upon existing water supply system, food availability, are likely to be affected with the increase in the number of outside workers
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	The project area during the project construction works, other activities except commercial activities will be not affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Name of the Road: **f) Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting Road Section**

Table 7-11: Environmental Screening Checklist for Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to Karamgachhi diktel connecting Road

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)	Yes			Possibility of Earthquake Natural Disaster, flooding
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance)		No		The project RoW is devoid of such archaeologically and culturally significant areas and national parks

SN	Particulars	Yes	No	Can't Say	Remarks
	☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance				
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road is lies in plain area. Thus, there is less chances to degradation of land and ecosystem. However, during DPR stage it will be considered.
5	Is the project area densely populated?		No		
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction		No		
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.
13	Possibility of increased air pollution during preconstruction/construction/operation phase?				Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that				Short term impact during Upgrading work.

SN	Particulars	Yes	No	Can't Say	Remarks
	may trigger cases of upper respiratory problems?				
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation				Short term impact during Upgrading work.
16	Noise and vibration due to blasting and/or other civil works?				Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal		No		
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				The population influx will be in small scale.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-12: Social Screening Checklist for Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting Road

SN	Particulars		Remarks
1	Proposed Site Location		
	a	Land requirement for the project	Land within the RoW is already in use by the public. It is an up-gradation of an existing road. There will be no additional land requirement.
	b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no

SN	Particulars		Remarks
			any outstanding issues related to grievance, compensation etc.
	c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ ☐ Agricultural purposes ☐ ☐ Residential purposes ☐ ☐ Commercial purposes ☐ ☐ Other purposes (Indicate)	Public
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ ☐ All Mainstream ☐ ☐ All Indigenous peoples ☐ ☐ Majority Mainstream or Non-indigenous peoples ☐ ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	Yes, Triyuga small town water supply pipeline and electric poles likely to affected
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Yes, there will be concern of sanitation and solid waste disposal in construction camp and work sites.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	Local peoples have knowledge on such communicable diseases but labourers' understanding may be low about possible transmission of communicable diseases
	g	Large population influx during project construction and operation that causes increased burden on social	Yes

SN	Particulars		Remarks
		infrastructure and services (such as water supply and sanitation systems)?	
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	Yes, change in road morphology and disruption in the infrastructure like drinking water, sewer system will cause inconvenience. Traffic management plan will be prepared by the contractor and will be included in Contractor's Site specific ESMP.
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Name of the Road: **g) Pragati tole kha (Quarter front) ko road to sakela road ward 12**

Table 7-13: Environmental Screening Checklist for Pragati tole kha (Quarter front) ko road to sakela road ward 12

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)		No		Possibility of Earthquake Natural Disaster, flooding.
2	Is the project area adjacent to or within any of the following environmentally sensitive areas? ☐ Cultural heritage site (historical, religious, traditional, or cultural significance) ☐ Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.) ☐ Wetland/Ramsar Site/Simsar ☐ Forest ☐ Special area for protecting biodiversity/interest ☐ Breeding/nesting ground of wildlife/occurrence of migratory species ☐ Migration route/Wildlife corridor ☐ Any site of national or international importance		No		The project RoW is devoid of such archaeologically and culturally significant areas and national parks

SN	Particulars	Yes	No	Can't Say	Remarks
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		No		
4	Possibility of degradation of land and ecosystems of surrounding?				There is no any high slope having unstable surface and land slide prone areas. The road is lies in plain area. Thus, there is less chances to degradation of land and ecosystem. However, during DPR stage it will be considered.
5	Is the project area densely populated?				
6	Heavy with development activities/big industries nearby & type?		No		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		No		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction		No		
9	Does the sub project require significant extraction of surface or ground water?		No		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials				Short term impact during Upgrading work.
11	Impact on water quality due to release of sewage/sludge?		No		Not connected to drainage system.
12	Possibility of flooding due to sewage		No		Not connected to drainage system.
13	Possibility of increased air pollution during preconstruction/ construction/operation phase?				Short term impact during Upgrading work.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?				Short term impact during Upgrading work.
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation				Short term impact during Upgrading work.
16	Noise and vibration due to blasting and/or other civil works?				Short term impact during Upgrading work.
17	Possibility of poor sanitation and solid waste disposal		No		
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		

SN	Particulars	Yes	No	Can't Say	Remarks
19	Accident risks associated with pre construction, construction & operation phases of project				Short term impact during Upgrading work.
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)				Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers during Upgrading.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?				Short term impact during Upgrading work.
22	interference with other utilities and blocking of access to resource/utility				Short term impact during Upgrading work.
23	Generation of solid waste and/or hazardous waste during construction/operation of project?				Short term impact during Upgrading work.

Table 7-14: Social Screening Checklist for Pragati tole kha (Quarter front) ko road to sakela road ward 12

SN	Particulars	Remarks
1	Proposed Site Location	
a	Land requirement for the project	Land within the RoW is already in use by the public. It is an up-gradation of an existing road. There will be no additional land requirement. Due to the narrow sections i.e from 0+560 to 0+600 and from 0+740 to 0+760 the construction width of the both proposed road section is 6.3 m.
b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. As per discussion with locals and municipality, there is no any outstanding issues related to grievance, compensation etc.
c	Is the project requires acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No

SN	Particulars		Remarks
	d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
	e	Is the project requires acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	No
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ☐ ☐ Agricultural purposes ☐ ☐ Residential purposes ☐ ☐ Commercial purposes ☐ ☐ Other purposes (Indicate)	Public use
	g	Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature	No
	h	Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance	No
	i	Proposed project located in an area where residents are- ☐ ☐ All Mainstream ☐ ☐ All Indigenous peoples ☐ ☐ Majority Mainstream or Non-indigenous peoples ☐ ☐ Majority Indigenous peoples	Majority are Mainstream
2	Potential Social Impacts- Will the Project cause		
	a	Involuntary resettlement of people? (Physical displacement and/or economic displacement)	No, resettlement is not required in this project
	b	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	c	Will community facilities require relocation?	Yes, Triyuga small town water supply pipeline and electric poles likely to affected.
	d	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	e	poor sanitation and solid waste disposal in construction camps and work sites	Suggested to use local worker during construction but Influx of people is anticipated during the time of Upgrading. Pressure upon existing natural resources such as water, existing food availability, solid waste patterns are likely to be affected with the increase in the number of outside workers during Upgrading.
	f	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	May have chances to transmission of diseases.
	g	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	Pressure upon existing water supply system, food availability, are likely to be affected with the

SN	Particulars		Remarks
			increase in the number of outside workers
	h	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	The project area during the project construction works, other activities except commercial activities will be not affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i	Describe any other impacts that have not been covered in this screening form	No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group
	j	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No displacement of private and public land is required.
	k	RAP/ARAP Requirement	Not required

Annex II: Minutes, Public Notice and Letters

ROW Declaration Letter



त्रियुगा नगरपालिका

नगर कार्यपालिकाको कार्यालय

गाईघाट, जेठपुर
कोशी प्रदेश, नेपाल

पत्र संख्या :- ०७९/०८०

चलानी नम्बर :- २६९०

०२५-४२०१०८
फ्याक्स ४२०१८५
triyuga.mun@gmail.com

मिति :- २०८०/०२/०७

विषय :- सडकको ROW सम्बन्धमा ।

श्री शहरी विकास तथा भवन निर्माण विभाग,

नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना समन्वय कार्यालय, बबरमहल, काठमाडौं ।

प्रस्तुत विषयमा NUGIP कार्यक्रम अन्तर्गत यस नगरपालिकाबाट योजनाहरूको प्रथम चरणमा मिति २०७९/०६/०९ गते यसको नगर स्तरीय समन्वय समितिको निर्णयानुसार तपसिल सडकहरूको सम्भाव्यता अध्ययनका लागि प्राथमिकतामा छनौट भएको तपसिल सडकहरूको लम्बाई र सडक क्षेत्राधिकार (राईट अफ वे) को विवरण तपसिल बमोजिम रहेको व्यहोरा हुन अनुरोध छ ।

तपसिल

पहिलो प्राथमिकता (९।९५० किमी)

सडकको नाम	त्रियुगा नगर क्षेत्र भित्र गरिने निर्माण सम्बन्धि मापदण्ड	प्राथमिकता नं.
१. गाईघाट टाउन प्यालिड क्षेत्र भित्र भएको सडकहरू त्रियुगा स्कूल पूर्व धोतिनगर सडक क्रि.पा ११ समेत (ROW=12m, 18 m and 25m) लम्बाई १।५०० कि.मी.	जिल्ला विकास समितिले गाईघाट बजारमा प्लानिङ गरी ८० फिट, ६० फिट र ४० फिट चौडाई कायम सडकहरूलाई ग्याबल कायम गर्नुपर्ने पैज नं. ११	१
२. सिटिहल देशि मिमलटार गाईघाट दिक्तेल सडक Access road सहित (ROW=20 m) लम्बाई २।८८० कि.मी.	शिव मन्दिर बोक्से खलमाटे सडक २० मिटर पैज नं. ७	१
३. बाबाराणी देखि डि.एम.गेट सम्म सडक (ROW=8 m) लम्बाई ०।६५० कि.मी.	डि.एम.गेट देखि पश्चिम उदयपुर डिस्ट्रिक्टरीसम्म जाने बाटो ८ मिटर पैज नं. १०	१
४. फुलचोक देखि पि.जी.चोक सडक बाटेटोल त्रियुगा कोरीडर (ROW=8 m) लम्बाई ०।८६० कि.मी.	फुलचोक देखि दक्षिण मुसहरी टोल हुदै बाटैसम्म जाने सडक ८ मिटर सहित पैज नं. १०	१
५. सिटिहल देखि राम चन्द्र बस्नेतको घरसम्म सडक (ROW=8 m) लम्बाई ०।२८० कि.मी.	प्रवेश माध्यमको चौडाई ८ मिटर र लम्बाई १००० मिटर पैज नं.१२	१
६. गाईघाट शिवामय टोल आदेश टोल रमाईको डाडा मनमोहन स्कूल देखि करमगाडी गाईघाट दिक्तेल सडकसम्म (ROW=8 m) लम्बाई १।६१० कि.मी.	प्रवेश माध्यमको चौडाई ८ मिटर र लम्बाई १००० मिटर पैज नं.१२	१
७. प्रगति टोल स (क्वाटर अगाडी) को सडक हुदै सकेला जाने सडक चडा नं. ११ (ROW=10 m) लम्बाई २।१७० कि.मी.	प्रवेश माध्यमको चौडाई ११ मिटर र लम्बाई १००० मिटर भन्दा माथि पैज नं.१२	१
८. सगरमाथा कृषि बजार पश्चिमबाट दक्षिण मदन भण्डारी सभाहल हुदै जनप्रेमी टोल बिसनपुर चडा नं. १२ (ROW=8 m and 14 m) लम्बाई ३।७५० कि.मी.	डि.एम.गेट देखि दक्षिणबाट पुब सुम्निमा चोक पुरानो गाईघाट जनप्रेमी प्रा.वि. लक्ष्मीपुर मा.वि. हुदै बेहडवासम्म जाने बाटो सडक चौडाई १२ मिटर	२
९. राजाजी मन्दिर चडा नं. १२ बाट उत्तरको सडक हुदै मदन भण्डारी राजमार्ग जोडने सडक (ROW=8 m) लम्बाई ०।४६० कि.मी.	प्रवेश माध्यमको चौडाई ८ मिटर र लम्बाई १००० मिटर पैज नं.१२	३

योधार्थः

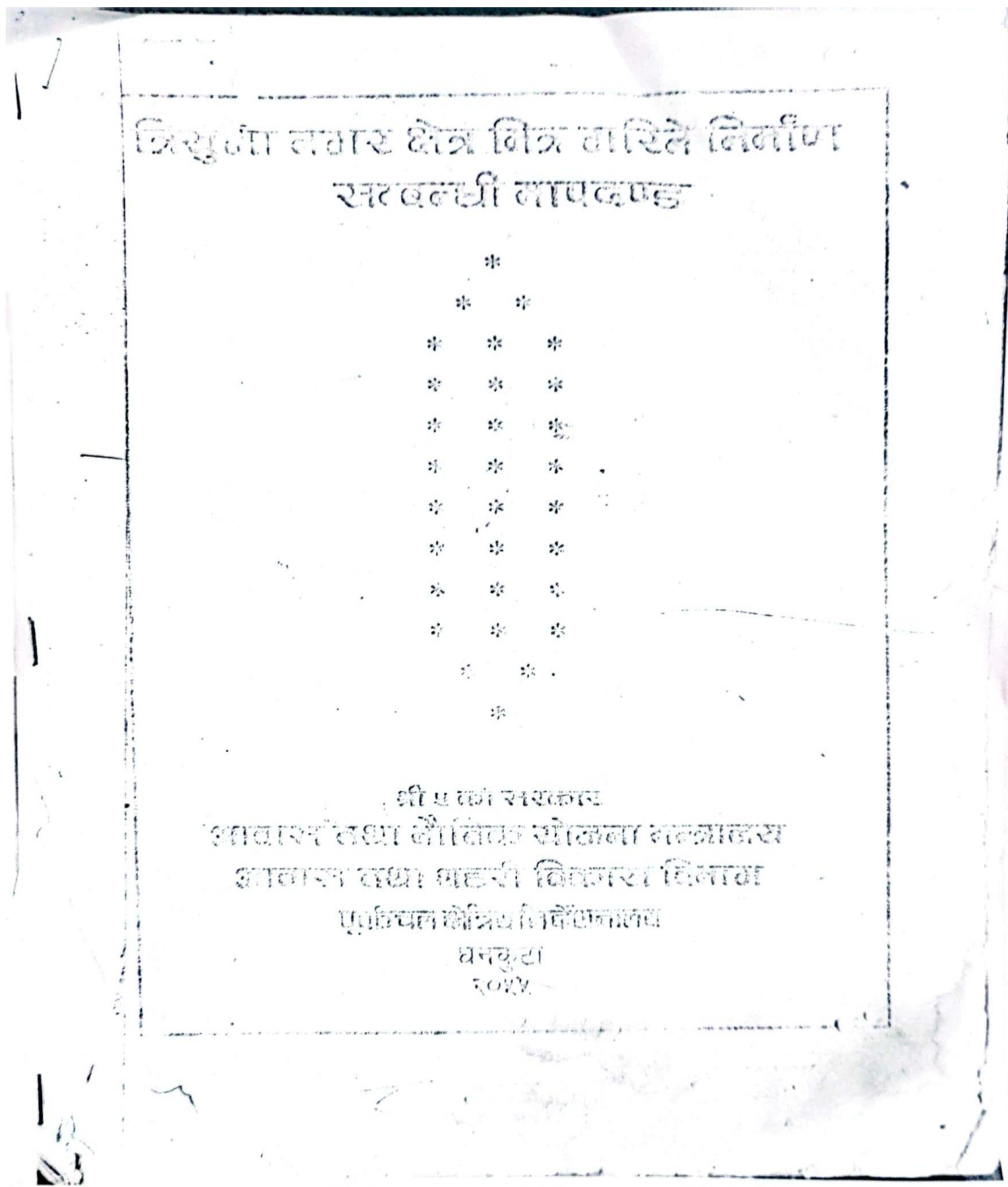
श्री BOTEK-GOEC JV

Winal

किरण कुमार झाकी

नि.प्रमुख प्रशासकीय अधिकृत

नि.प्रमुख प्रशासकीय अधिकृत



त्रियुगा नगर क्षेत्र गरिने निर्माण सम्बन्धी मापदण्ड तयार गर्ने टोली:

१. श्री कविन्द्र बहादुर बिष्ट
क्षेत्रीय निर्देशक, आवास तथा श.वि.वि.
पूर्वाञ्चल क्षेत्रीय निर्देशनालय
धनकुटा
२. श्री महेश चन्द्र न्यौपाने
इन्जिनियर, जिल्ला विकास समितिको कार्यालय
उदयपुर
३. श्री कोपनाथ अधिकारी
इन्जिनियर, जिल्ला आवास तथा शहरी विकास कार्यालय
उदयपुर
४. श्री शरत् देव चौधरी
ओभर सियर, त्रियुगा नगर पालिकाको कार्यालय
उदयपुर
५. श्री केशव नाथ कट्टेल
सुर्भेक्षक, आवास तथा शहरी विकास विभाग
पूर्वाञ्चल क्षेत्रीय निर्देशनालय
धनकुटा

भूमिका (Preface)

श्री ५ को सरकारबाट वि.स. २०५२ साल चैत्र १६ गते गठित गाईघाट नगर विकास समिति क्षेत्रभित्र दिन प्रति दिन बढ्दो घना जनजावादी, उद्योग-वाणिज्य र व्यापारमा दीप्तता, यातायात तथा संचारका साधनहरूको विकास, आधुनिक वैज्ञानिक साधनहरूको बढ्ती उपयोग, शिक्षा, स्वास्थ्य जस्ता सामाजिक पक्षको उन्नती जस्ता कुराहरूले यस क्षेत्रको आर्थिक तथा औद्योगिक गतिविधिलाई प्रत्यक्ष प्रभाव पार्ने सक्ने कुरा सर्व विदित छ । यसरी मानव सम्बन्धता र सम्बृद्धता लगायत सामाजिक, आर्थिक सम्पूर्ण क्षेत्रमा नै आउने परिवर्तनले हाम्रा गाई घरा एल धजार केन्द्रहरू क्रमशः शहरीकरण तर्फ उन्मुख हुदै जाने क्रम बढदै गएको वर्तमान परिप्रस्थ भित्र नै यो नगर विकास समिति पनि पर्दछ ।

बढ्दो शहरीकरणले कतिपय कुराहरूमा जनधारणलाई हित पुग्ने सक्ने भएता पनि अव्यवस्थित वसोवासका कारण फोहरमैला बहने, विजुली, दुरसंचार, ढल विकास, सडक निर्माण आदि जस्ता भौतिक पूर्वाधारहरू तयार गर्ने सम्बन्धमा विविध समस्याहरूले समष्टिमा शहरको शरचनालाई नै बिगार्ने सक्ने हुदा त्यस्ता विद्गीहरूलाई समग्रमा नै निराकरण गर्नु अपरिहार्य भएकाले सम्बन्धित क्षेत्रभित्रका नगर विकास समिति, नगर पालिका, पेशागत संघ संस्था, कुटुम्बिकी, गन्दमान्ध व्यक्तिहरू लगायत सर्वसाधारणहरू समेतबाट संकलित राय सुझावहरूलाई आधार मानि विस्तृत छलपछ र गहन अध्ययन पश्चात प्रस्तावित भू-उपयोग क्षेत्र र सडक तथा भवन निर्माण सम्बन्धी मापदण्ड तयार पारिएको छ ।

अन्तमा यस कार्यमा सहयोग गर्ने सम्पूर्ण व्यक्तिहरू धन्यवादको पात्र हुनुहुन्छ ।

विषय सूची

भूमिका	१
सिद्धिवा गगर क्षेत्रमित्र गरिने निर्माण सम्बन्धी मापदण्ड	२
परिभाषा	२
घटेरीको लागि न्यूनतम, सम्बाई, चौडाई र क्षेत्रफलको ईकाई	३
घर/भवन बनाउँदा त्यस्ता घर/भवनले ओगट्नु पाउने घटेरी क्षेत्र	४
घर/भवनको दायाँ बायाँ छोड्नु पर्ने घटेरी क्षेत्र	४
घर/भवनको तला, उचाई, मोहडा, छत तथा निर्माणको ढाँचा	४
घर/भवनका मुख्य भागहरूको निमित्त आवश्यक व्यवस्थाहरू	५
सडकको लागि छोड्नु पर्ने जग्गा (साईट अफ वे)	७
नदी किनारा, सार्वजनिक जग्गा आदि नजिक निर्माण गर्दा छोड्नु पर्ने जग्गा	११
पट्टी, दलेली, ढल आदिको लागि छोड्नु पर्ने जग्गा	११
प्रत्येक घर/घटेरीमा आवश्यक पर्ने पर्याप्त प्राकृतिक प्रकाश र हावाको व्यवस्था	११
घटेरी दिक्कत भई सो उपभोग गर्न आउने जनसमुदायका लागि आवश्यक पर्ने सामुदायिक सेवा र आधारभूत पूर्वाधारहरूको व्यवस्था तथा निजी क्षेत्रका जग्गा विकासकर्ताले पालना गर्नुपर्ने मापदण्ड तथा सर्तहरू	१२
घटेरी वा जग्गा विकास योजना संचालन गर्दा छुट्याउनु पर्ने बुल्ला क्षेत्र तथा अन्य सार्वजनिक, सामुदायिक प्रयोजनका लागि छुट्याउनु पर्ने जग्गा	१३
होमिड चौडाई अस्ता सूचना विज्ञापन पाटी राख्ने ठाउँ	१३
नदक्षता प्राप्त गर्दा संलग्न गर्नुपर्ने कागजातहरू	१३
विनियम	१४
सन्दर्भ सामग्री	१५
नक्साहरू	

त्रियुगा नगर क्षेत्राभिन्न गरिने निर्माण सम्बन्धी मापदण्ड

यस मापदण्डले जग्गाको उपयोग सम्बन्धी सर्पिकरण, आदत जावतको निर्मित आवश्यक पर्ने जग्गा (Means of access) खुला भाग (Open Space) निर्माण गरिने प्लट (Plot) को विविध, क्षेत्रफल र उचाईको सिमाहरूको साथै धार्किक लगायत निर्माण सम्बन्धी सम्पूर्ण आवश्यकताहरूलाई समेट्ने प्रयास गरेको छ ।

परिभाषा:

दिष्य या प्रसंगे अर्को अर्थ नलागेमा यत् मापदण्डमा प्रयोग भएका निम्नलिखित वाक्यहरूले निम्न अर्थ जनाउने छन् ।

भवन वा निर्माणको उचाई:

समतल छाना (Flat Roof) को हबमा जमीनको सतहसाला सतहबाट भवन वा निर्माणको माथिल्लो सतहसम्मको उचाई या सम्बन्धित अक्षिराली तोकौं दिए बगोनिमको उचाईलाई स्वीकृत उचाई मानिने छ ।

कार्पेट एरिया (Carpet Area):

वर्णपत्रिका तत्वाको उपयोग हुने बोटोहलको क्षेत्रफललाई कार्पेट एरिया मानिने छ ।

ढाकिएको क्षेत्रफल (Covered Area):

कुनैपनि प्रकारको निर्माणद्वारा अर्थिएको सतह भन्दा लगत्तै माथीको पुरा भागलाई ढाक्नेको क्षेत्रफल मानिने छ ।

खुला भाग (Open Space):

प्लटको खुला छाडिएको भागलाई खुला भाग मानिने छ ।

तला (Storey):

भवनको भुई देखि सिलिङ विचको भागलाई तला मानिने छ ।

આવાસીય ક્ષેત્ર (Residential Area):

यो क्षेत्र आवासीय लागि हुनेछ र यस्तो क्षेत्रमा सेवा सुविधाहरू विस्तार गर्ने सकिने छ । यो क्षेत्रमा बासु प्रदूषण, ध्वनी प्रदूषण, वातावरणमा पर्ने अन्य प्रदूषण गर्ने कारखाना वा उद्योग वा अन्य कुनै शिवालयबाट राख्न पाइने छैन ।

भन्दा (Staircase):

भन्दाको न्युनतम चौडाईहरू निम्नानुसार हुनुपर्नेछ:

क) आवासिय भवन (घरहरू)	०.९० मी.
ख) आवासिय (होटल भवनहरू)	१.४० मी.
ग) मानिसहरू जम्मा हुने (अडिटोरियम, नाचघर, सिनेमा घर आदी) भवन	१.४० मी.
घ) शैक्षिक भवन	१.४० मी.
ङ) संस्थागत भवन	२.०० मी.
च) अन्य भवनहरू	१.४० मी.

छुटकिला (Step) को चौडाई (Tread):

आवासिय भवनहरूको लागि छुटकिलाको चौडाई २५ से.मी. र अन्य भवनहरूको लागि ३०.० से.मी. भन्दा कम हुनुहुदैन। एउटा फ्ल्याटमा बढीमा (Step) संख्या १२ वटा र कमिमा ३ वटा हुन सक्नेछ।

छुटकिला (Step) को उचाई (Riser):

(Riser) को उचाई १५-१९ से.मी. सम्म हुन सक्नेछ।

घरको सख्या एउटा फ्ल्याट (Flight) या बढीमा १३ वटासम्म हुन सक्नेछ। बेस्ट स्लाब (Waist Slab) को स्लोप २५° देखि ४२° सम्म हुनु पर्नेछ।

लिफ्ट (Lift):

भवनको उचाई ४ (चार) तला भन्दा धेरै बढाउनु पर्ने भएमा लिफ्टको व्यवस्था गर्नुपर्नेछ।

६. सडकको लागि छोडनु पर्ने जग्गा (राईट अफ वे):
सगरमाथा राजमार्गको लागि सडक एनले तोके बमोजिम हुनेछ।

६.१ बाहिरी चक्रपथ (Outer Ring Road):

भण्डारा - चुहाडे - जलजले - देउरी - धीपुर - बगहा - पोष - भुल्के - धौजपुरको - मिलनचोक - पोताहा - बिसनपुर - बेहडडा - अचारी - शिव मन्दिर - चौबले - राखाटे - राजावास - साईखोला - सगरमाथा हुँदै भण्डारासम्मको चक्रपथको लागि:

राईट अफ वे (Right of Way):

सडक केन्द्र रेखा देखि दुवै तर्फ १०/१० मी.

सडक कारीपारिका भरहरू बिचको

दुरी (Between building lines) ३० मी.

City hall Simaltar Gaighat Diktal road

पानी ट्यांक, पाराबेट वाल, भन्दा छोप्नका लागि बनाईने उचाई बाहेक निर्माण गर्न सकिने अधिकतम उचाई-१२.२० मीटर।

६.२ भित्री चक्रपथ (Inner Ring Road):

खसि बजार गैरन - भिक्केटोल - दिपु चौक - राजावास - साईखोला - सरस्वती - नया भोहा - चुहाडे चौक - जलजले - कुमारी चौक - देउरी - धौजपुरको खोला - भुल्के - बगहा चौक - मंगी गहा - बिसुवा कजवेवाट गाईपाट बजारको मुख्य चौक हुदै - खसी बजारसम्मको चक्रपथको लागि:

सडक केन्द्र रेखा देखि दुवै तर्फ १०/१० मीटर

सेट व्याक ३/३ मीटर दुवै तर्फ
पानी ट्यांक, पाराबेट वाल, भन्दा छोप्नका लागि बनाईने उचाई बाहेक निर्माण गर्न सकिने अधिकतम उचाई-१२.२० मीटर

६.३ रेडियल रोड्स (Radial Roads):

- जिल्ला सदरमुकामबाट वाहिरी चक्रपथसम्म जोड्ने सडक।
- मेन चौकबाट रजत जयन्ती चौकहुदै उत्तर शिव मन्दिरसम्म जाने सडक।
- गाईपाट बजार मुख्य चौक देखि पूर्व अचारी जाने सडक।
- मोतीगडा चौक देखि पूर्व भुल्केसम्म जाने सडक।
- नगर क्षेत्र भित्रको सरमाथा राजमार्ग।
- गाईपाट बजार देखि बगहासम्म।
- गाईपाट बजार चौकले हुदै बस्मा खोलासम्म।
- सडकको केन्द्र रेखाबाट हुदै तर्फ - ८/८ मीटर
- सेट व्याक २/२ मीटर हुदै तर्फ
- पानी ट्यांक, पाराबेट वाल, भन्दा छोप्नका लागि बनाईने उचाई बाहेक निर्माण गर्न सकिने अधिकतम उचाई-१२.२० मीटर।

६.४ साछा सडक (आर्टेरियल रोड्स):

- चक्रपथ या रेडियल सडकबाट विभिन्न भू-उपयोग क्षेत्रहरू जोड्ने सडक।
- सडकको केन्द्र रेखाबाट हुदै तर्फ ६/६ मीटर
- सेट व्याक १/१ मीटर हुदै तर्फ

विभिन्न भू-उपयोग क्षेत्र तथा स्थान:

औद्योगिक क्षेत्र - बगहा र धीपुर
बजार क्षेत्र - धौजपुरको मिलन चौक/गाईपाट/देउरी/जलजले/बैरेमी १५ नं./चुहाडे/बगहा/चौबले/धौजपुर।

आवास क्षेत्र	- सोहते बास मन्दिर भएको ठाउँबाट उत्तर पूर्व बिरुवा क्षेत्र/ रातमाटे/पुरानो गाईघाट
बसपार्क क्षेत्र	- बरुवा बाथको उत्तर/शिव मन्दिरको छेउ ।
हाट बजार क्षेत्र	- हवाई फिर्लाको जग्गा ।
मुन्डी/मण्डी बजार	- हालको छति बजार क्षेत्र । देउरीमा पुरानो गा.वि.स. भवनको दक्षिणपट्टि पोखरी जस्तो ठाउँ

खुला क्षेत्र (Open Space): मिलनचोक देखि दक्षिण फर्सेट खोला देखि पूर्व क्याम्पस देखि पश्चिम जंगल भन्दा उत्तरको क्षेत्र ।

स.साना खुला क्षेत्र: जिल्ला विनियम समितिको दक्षिणपट्टि मन्दिरलाई पुग्ने गरि बाँकी रहेको जग्गामा ।

मोतिगढा पन्चलाल खोरिया
जलजले बजार देखि माथिको डाडो (रतनपुर डाडो)

पर्यटन क्षेत्र - ककनी (वि.न.पा. १२ र ४ असादी/धार्मिक क्षेत्र)

मुट, अश्वत्थ र आपाङ्गहरूका लागि आवास क्षेत्र: बगाहाको सालधारी (परमानन्दको घर अगाडी बाटो देखि तलतिर)

मुर्दाघाटको स्वस्थ - त्रियुगा कज्ये भन्दा एक कि.मी. तल/चपनमा डा. रनेश्वर खोरिया

रंगशाला - वि.न.पा. ७ मुल्के

हमिषद साईट - जलजले भन्दा दक्षिण पश्चिम जंगलमा भन्दा जस्तो ठाउँ

स्वस्थ क्याम्पस - चुहाडे देखि जलजले साईडको विचमा/भण्डारी/बोस्ने चौजनपुर/गाईघाट बजार, देउरी/भुभरसुवा ।

कृषि क्षेत्र - बांसवारी एरिया/असादी/गैरुन/लक्ष्मपुर/चुहाडे १४ नं. बाटो

दायाँ बायाँ बाहेकको क्षेत्र/धैरुडवा/होस्ते/इपौती/चौजनपुर/पास्लेवास ।

५.४ प्रशाखा सडक (Connector Roads):

वारिहरी चक्रपथ, भिनि चक्रपथ, रैडियल सडकबाट र आर्टिफिशियल सडकहरू मध्ये कुनैबाट सम्बन्धित जोड्ने सडक ।

सडकको चौडाई	१० मीटर
सेट व्याक	१/१ मीटर सडकको दुवै तर्फ

Sagarmatha Agriculture bazar west to south Madan Bhandari Hall to Janpremi tole Bisanpur ward 12 Road

पानी ट्याक, सारवेट बाल, भन्दा छेउका लागि बनाउने उचाई बाहेक निर्माण गर्न सकिने अधिकतम उचाई १.२० मीटर

- चम्पापुर चोक देखि काली खोला हुँदै रातमाटे जाने सडक ।
- चम्पापुर चोक देखि रोता चौडो खुल्न हुँदै नयाँ बसि सम्म जाने बाटो ।
- हि.एम.सेट देखि दक्षिणपट्टिबाट पूर्व सुनिमा चोक - पुरानो गाईघाट - बरुवा/गा.वि. - लक्ष्मपुर गा.वि. हुँदै बेहडवा सम्म जाने बाटो ।
- चुहाडेबाट भण्डारी हुँदै मुकुन्दचोक जाने बाटो ।

६.१ सहर सडक (Urban Road):

एक आवासीय तथा व्यापारिक क्षेत्रबाट अर्को आवासीय क्षेत्र वा व्यापारिक क्षेत्रसम्म जोड्ने सडक ।

सडकको चौडाई - १ मीटर

सेट व्याक - १/१ मीटर सडकको दुवै तर्फ

पानी ट्याक, सारवेट बाल, भन्दा छेउका लागि बनाउने उचाई बाहेक निर्माण गर्न सकिने अधिकतम उचाई १.२० मीटर

- बावरी देखि घरदार टोल - दुनै तर्फ खोला हुँदै बांसवारीसम्म जाने बाटो ।
- अगरी खारे - रातमाटे गा.वि. हुँदै रैरुनसम्म ।
- अगरी खारे कुवेट हुँदै बटारी गाईघाटमा मिल्ने सडक ।
- गाईघाट रिसोले सडकबाट पछिपुके बोने शिव मन्दिरसम्म
- दक्षिण गाई विनियम समिति गाईघाटबाट उत्तर ताली मुलास पोखरी सम्म जाने बाटो ।
- रैरुन पोखरीको धरवाट सुनिमा चोकसम्म ।
- पुल चोक देखि दक्षिण सुनारी टोल हुँदै पोटे टोलसम्म जाने सडक ।
- लिटी सारवाट पूर्व बसि टोल हुँदै बरुवा खोलातिर जाने बाटो ।
- हि.एम.सेट देखि पश्चिम उदरपुर विनियमसम्म जाने बाटो ।
- मोतिगढाबाट चापसम्म जाने सडक ।
- मोतिगढाबाट वि.मा.वि. मुकुन्दबाट पश्चिम पोखरी टोलबाट पुगी बरुवाका रतनमानको बसामन चोकमा मिल्ने बाटो ।
- बसामन चोकबाट क्याम्पससम्म जाने बाटो ।
- फर्सेट खोला भन्दा पूर्व उत्तरबाट बगाहा जाने सडक ।

Fulchowk PG Chowk Road Botetole Triyuga Corridor section

Babarani DM Gate Road Section

६.२ गाँस सडक (Gravel Road):

गाँसका कुनै पनि सडकबाट पनि धरमस जोड्ने सडक ।

सडकको चौडाई ४ मीटर

सडकको तम्बाई दर्जा २० मीटर

Town Planning Road

निम्नलिखित विवरण समितिमा माईपाट बजारमा स्थापित गरि ८०', १०' र १०' चौडाई हावाय नरवान बाइपासलाई बसायसत खावस गर्नुपर्नेछ ।

७. नदी किनारा, सार्वजनिक जग्गा वादि नविक निर्माण गर्दा छोडनु पर्ने जग्गा:
नदीमा वर्षाको समयमा आउन सक्ने बाढी (High Flood) ले असार गर्न नसक्ने क्षेत्रमा सम्पत्ति नबस्ने स्थलगत निरीक्षण गरि घर बनाउन उपयुक्त हुने भएमा स्वीकृत दिन सक्नेछ तर उक्त निर्माणले हरित क्षेत्रलाई कुनै निरुपयोगको असार गराउन हुनुपर्दछ । बाढीको हावा बाढी ३०/१० मीटर (नदीको Course माथेका) हरित क्षेत्रको लागि छोडनु पर्नेछ । सार्वजनिक जग्गा बाढी घाटी आदिमा भवन निर्माणका लागि आवश्यक पर्ने निर्माण सामग्री पुर्‍याउने तथा बेच विचन गर्ने कार्य गर्न पाइने छैन ।

८. रैदी, बलेसी, हल आदिको लागि छोडनु पर्ने जग्गा:
• छत्र तथा बलेसीको पानी आपत्ती जग्गामा मात्र खसाल्न पाइनेछ । तथा सार्वजनिक सडक क्षेत्रमा पानी खसाल्नु पर्दा अनिवार्य रूपमा जमिनसम्म पाईपको व्यवस्था गर्नुपर्नेछ ।
• आपत्ती पर्‍याप्तकसमा पनि हिमैदीलाई बला हुने गरि सो पर्‍याप्तमा बलेसीको पानी खसाल्न पाइने छैन ।
• घरको रैदीको माथ हिमैदीको घरमा रैदीसँग मिल्नेछु हुनुपर्छ ।
• रैदीको न्युनतम ऊचाई १ मिटर (०.१० मीटर) हुनु पर्छ । न्युनतम चौडाई २ मिटर (०.२० मीटर) हुनु पर्दछ । घरको रैदी सार्वजनिक जग्गा सडकमा बनाउन हुदैन ।
• रैदी हलको छुवापाट आपत्ती जग्गाका पानी हल्ले गरि रैदीमा १ मीटरसम्म बाण्टीमिचर स्याम विचाल्न पाइनेछ ।

९. प्रत्येक घर/घरेलीमा आवश्यक पर्ने पर्‍याप्त प्राकृतिक प्रकाश र हावाको व्यवस्था:
• अन्तर्गत प्रयोगको हिसाबले बर्‍याप्तका कदै खोटाहरू माथिरी वा बिचि कुनै भाग वा कुनै बर्‍याप्तको कोठिणको हुनु पर्नेछ ।
• माथिरी वा बिचि कुनै भागका खोटाहरू आवश्यक हुने प्रकाश र वेन्टिलेसनको लागि बर्‍याप्त र कुनै भवन वा निर्माणको अगाडीको भाग, पछाडीको भाग वा माईपाट बाटोसँग रैदीको भए त्यसो टाउमा जोडिने कुनै भाग भनिपमा बाटोलाई फर्किने पार्न समेत पर्‍याप्त हुने गरी छोडनु पर्नेछ ।
• प्रकाश र वेन्टिलेसनको लागि भवनको मुढेको क्षेत्रफलको प्रतिशतमा १/१० भाग क्षेत्रफल माथि भन्दा तथा वेन्टिलेसनको क्षेत्रको हुनु पर्दछ । बर्‍याप्तका भन्दापछि न्युनतम ३'०" भन्दा माथि सार्‍यापनी हुनु हुदैन । भन्दापछि भन्दापछि न्युनतम ३'०" चौडाई र २'०" उचाईको हुनु पर्नेछ । चौडाई र उचाईको अनुपात १:२ भन्दा माथि हुनु हुदैन ।

१०. घरेली विकास भई सो उपयोग गर्न आउने जनसमुदायका लागि आवश्यक पर्ने सामुदायिक सेवा र आधारभूत पूर्वाधारहरूको व्यवस्था तथा निजी क्षेत्रका जग्गा बिबारासकाले पाचना गर्नुपर्ने मापदण्ड तथा शर्तहरू:
कुनैपनि व्यक्ति, फर्म, सप, संस्थाले धी ५ को सरदारबाट वा छरिद गरि अवधिगत पट्टाहरू विकास (Planning) गरि जनसमुदायलाई बेच बिचन गर्नका लागि निम्नानुसार पूर्वाधार कार्यक्रमको व्यवस्था गरि नगर विकास समितिसँग स्वीकृती लिई बेच बिचन गर्न सकिनेछ ।

प्रवेश माध्यमको चौडाई र सम्बाई:

प्रवेश माध्यमको चौडाई (मी.)	प्रवेश माध्यमको सम्बाई (मी.)
४.०	४०.०
६.०	२००.०
८.०	१०००.०
११.०	१०००.० भन्दा माथि

• City Hall Ramchandra Basnet house Road
• Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting Road

Pragati tole kha (Quarter front) ko road to sakela road

• निजी क्षेत्रका जग्गा विकासकाले नगर विकास समितिले बर्गिकरण गरेको भू-उपयोग क्षेत्र माथे अवधिगत क्षेत्र बिचमा मात्र जग्गा विकास कार्यक्रम नगर विकास समितिले स्वीकृती लिई गर्नु पर्नेछ ।
• प्रत्येक घरेलीको क्षेत्रफल ४,७५ (२ आना २ पैसा) भन्दा कम हुने गरि जग्गा टुक्र्याउन पाइने छैन ।
• घरेलीको चौडाई कमिमा ६ मीटर हुनु पर्नेछ ।
• न्युनतम मौलिक पूर्वाधारहरू अर्थात् प्रत्येक घरेलीमा हुने छप्पलिनस (Gravel) बाटो बर्‍याप्तको पानी निस्कनको लागि पछिहा नाका (Strom drain) को व्यवस्था गर्नु पर्नेछ ।
• सडकमा खानेपानीको लागि नि.आ.ई. पाईप जोड्नुको लागि गर्नुपर्ने छ ।
• यदि अवधिगत भवनहरू निर्माण गरि गर्दा साधारणलाई बेच बिचन गर्ने भएमा प्रत्येक पट्टाको क्षेत्रफलको प्रतिशतमा ७०% छोटोड कमर हुने गरि भवन निर्माण गर्न पाइने छ ।

१०.१ निजी क्षेत्रका जग्गा विकासकाले जग्गा विकास कार्यक्रम संचालन गर्दा निम्नानुसार प्रयोगका लागि छुट्याउनु पर्ने जग्गा निम्नानुसार हुनु पर्नेछ ।

• सार्वजनिक बुल्डा क्षेत्र (पार्क, खेलकुद, मैदान, होचाली क्षेत्र, सार्वजनिक चौक) जग्गा जग्गाको १० - १५%
• अवधिगत क्षेत्र (आवाकका लागि माथ) जग्गा जग्गाको १५ - ६०%
• मिश्रित उपयोग क्षेत्र (समावेश तथा व्यापारिक प्रयोगको क्षेत्र) जग्गा जग्गाको ४ - १५%

Formation of GRM (1st Level)



पत्र संख्या :- ०८००८१
पलाणी नठपर :-

त्रियुगा नगरपालिका

गाउँपालिका, उदयपुर
कोशी प्रदेश नेपाल
२०७३

☎ ०३५-४२०७०८
फ्याक्स ४२०७८५
triyuga.mun@gmail.com

मिति: २०८०/०६/१७

विषय:- प्रथम तहको गुनासो सुनवाई समिति गठन गरिएको बारे

मिति २०८०/०६/१७ गतेका दिन यस त्रियुगा नगरपालिकाका नगर प्रमुख श्री बसन्त कुमार बस्नेत ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस उदयपुर जिल्ला त्रियुगा नगरपालिका वडा नं. १०, ११, १२, १३ मा पर्ने पहिलो र दोस्रो प्रथमिकतामा परेका बाटोहरूको कुल लम्बाई १४.५ किलोमिटर सडक खण्डको निर्माण अघि र निर्माणका क्रममा कुनैपनि प्रकारका समस्याहरू, गुनासाहरू आई सोको सामाधानको लागि आयोजनाको मापडण्ड अनुसार तपसिलमा उल्लेखित प्रथम तहको गुनासो सुनवाई समिति गठन गर्ने निर्णय गरियो।

तपसिल

१. संयोजक: श्री सुमन्त कोइराला, वडाध्यक्ष वडा नं. ११
२. सदस्य: श्री किरन पाण्डे, वडाध्यक्ष वडा नं. १०
३. सदस्य: श्री अनिता थापा, का.बा अध्यक्ष वडा नं. १२
४. सदस्य: श्री नविन कुमार चौधरी, वडाध्यक्ष वडा नं. १३
५. सदस्य: श्री उर्मिला बि.क वडासदस्य वडा नं. १०
६. सदस्य: श्री निला काफ्री ढोली वडासदस्य वडा नं. ११
७. सदस्य: श्री राम कली विशकर्मा वडासदस्य वडा नं. १२
८. सदस्य: सामाजिक सुरक्षण/वतावरण विशेषज्ञ/सुपरभिजन ईन्जिनियर (DSC)


बसन्त कुमार बस्नेत

नगर प्रमुख

बसन्त कुमार बस्नेत
नगर प्रमुख

Formation of GRM (2nd Level)



बिषय:- द्वितीय तहको सुनुवाई समिति गठन गरिएको बारे

मिति २०८०/०७/१५ गतेका दिन यस त्रियुगा नगरपालिकाका नगर प्रमुख श्री बसन्त कुमार बस्नेत ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस उदयपुर जिल्ला त्रियुगा नगरपालिका वडा नं. १०, ११, १२, १३ मा पर्ने पहिलो र दोस्रो प्रथमिकतामा परेका बाटोहरूको कुल लम्बाई १४.५ किलोमिटर सडक खण्डको निर्माणका अबधिमा आउने गुनासाहरूको अध्ययन गरी स्थानिय स्तरमार्फत समाधान गर्न निम्न उल्लेखित व्यक्तिहरू रहनेगरी एक गुनासो सुनुवाई समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराइन्छ । साथै आयोजना सम्बन्धि कोहिकसैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाई समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

तपसिल

१. संयोजक: श्री बसन्त कुमार बस्नेत त्रियुगा नगरपालिकाका नगर प्रमुख
२. सदस्य: श्री महेश्वरी राई, नगरपालिका उप-प्रमुख
३. सदस्य: नगरपालिका प्रशासन शाखा प्रमुख
४. सदस्य: नगरपालिका आयोजनाका सम्पर्क व्यक्ति(Engineer)
५. सदस्य: नगरपालिका सामाजिक अधिकृत/ सामाजिक विकास शाखा प्रमुख
६. सदस्य: सामाजिक सुरक्षण, वतावरण विशेषज्ञ, सुपरभिजन, इन्जिनियर (DSC)


बसन्त कुमार बस्नेत

नगर प्रमुख

बसन्त कुमार बस्नेत
नगर प्रमुख

Letter regarding Anti-Harassment Cell

	त्रियुगा नगरपालिका नगर कार्यपालिकाको कार्यालय गाईघाट, उदयपुर कोशी प्रदेश, नेपाल		फोन: ०३५-४२०१०८ www.triyugamun.gov.np
पत्र संख्या: २०७९/०८० चलानी नं.: २०५२			मिति: २०८०/०३/१७
विषय : सम्पर्क व्यक्ति (Focal Person) तोकिएको ।			
अधिकृतस्तर सातौं, श्री राजकुमार खड्का (९८५२८३१६००) सामाजिक विकास शाखा प्रमुख, त्रियुगा नगरपालिका, गाईघाट, उदयपुर ।			
प्रस्तुत विषयमा तपाईंलाई यस अघि तोकिएको जिम्मेवारीको अतिरिक्त यस नगरपालिकाको Anti Harassment Cell को सम्पर्क व्यक्ति (Focal Person) तोकिएको व्यहोरा अनुरोध छ ।			
बोधार्थ श्री शहरी विकास तथा भवन निर्माण विभाग, नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना, आयोजना समन्वय कार्यालय, बबरमहल, काठमाण्डौ ।		 बिष्णु भक्त सिग्देल प्रमुख प्रशासकीय अधिकृत	
प्रमुख प्रशासकीय अधिकृत			
Email: Info@triyugamun.gov.np Triyuga.mun@gmail.com			

Public Notice for ESMP Preparation



पंच संख्या :- ०८०१०८१
पालिका नगर :-

त्रियुगा नगरपालिका नगर कार्यपालिकाको कार्यालय गाईघाट, उदयपुर कोशी प्रदेश नेपाल

☎ ०३५- ४२०१०८
फ्याक्स ४२०१८५
triyuga.mun@gmail.com

मिति :- २०८०/०६/१५

सूचना !

सूचना !!

सूचना !!!

विश्व बैंकको आर्थिक सहयोगमा शहरी विकास तथा भवन निर्माण विभाग (DUDBC), नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) द्वारा स्तरोन्नति हुन लागेको यस उदयपुर जिल्ला त्रियुगा नगरपालिका वडा नं. १०, ११, १२ र १३ स्थित पर्ने पहिलो प्राथमिकतामा परेको सडक खण्डको स्तरोन्नति गर्ने भएको छ। यसै शिलशिलामा उक्त सडक खण्डको विस्तृत परियोजना प्रतिवेदन तयारीका चरणमा गरिने वातावरणीय तथा सामाजिक व्यवस्थापन योजना (ESMP) तयारीका लागि परामर्शदाताका DSC Team, नगरपालिका आयोजनाबाट प्रभावित हुने बासिन्दा / जग्गाधनीहरु विच निम्न लिखित स्थान र मितिमा हुने विस्तृत छलफल तथा अन्तरकृया कार्यक्रममा उपस्थित हुनका लागि सम्बन्धित सबै सरोकारवालालाई सूचित गरिन्छ।

अन्तरकृया हुने मिति र स्थान :

मिति : २०८०/०६/२५

मय : विहान ११:०० बजे

स्थान : त्रियुगा नगरपालिका सभाहल

ई.शैलेन्द्र कुमार मण्डल

शहरी पूर्वाधार विकास शाखा

ई. शैलेन्द्र कुमार मण्डल
इन्जिनियर

Notice related to GRM



त्रियुगा नगरपालिका

नगर कार्यपालिकाको कार्यालय

०१५- ४२०१०८
फ्याक्स ४२०१८५
triyuga.mun@gmail.com

पत्र संख्या :- ०८०/०८१
चलानी नम्बर :-

गाईघाट, उदयपुर
कोशी प्रदेश नेपाल

सूचना प्रकाशन मिति: २०८०/०६/१८

सूचना !

सूचना !!

सूचना !!!

मिति २०८०/०६/१८ गतेका दिन यस त्रियुगा नगरपालिकाका नगर प्रमुख श्री बसन्त कुमार बस्नेत ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस उदयपुर जिल्ला त्रियुगा नगरपालिका वडा नं. १०, ११, १२, १३ मा पर्ने पहिलो प्राथमिकतामा गाईघाट टाउन प्लानिङ क्षेत्र भित्र भएको सडकहरु, सिटिहल देखि सिमलटार गाईघाट दिक्तेल सडक, बाबारानी देखि डि एम गेट सडक, फुलचोक देखि पि जी चौक सडक वोटेटोल त्रियुगा कोरीडोर, सिटिहल रामचन्द्र बस्नेतको घरसम्म सडक, गाईघाट शिवालय टोल आर्दश टोल रमाईलो डाडा मनमोहन स्कूल देखि करमगाछी गाईघाट दिक्तेल सडक, प्रगति टोल क्वाटर अगाडीको सडक हुदै साकेला जाने सडक र दोस्रो प्राथमिकतामा सगरमाथा कृषि बजार पश्चिमबाट दक्षिण मदन भण्डारी सभाहल हुदै जनप्रेमी टोल विसनपुर परेका बाटोहरुको कुल लम्बाई १४.५ किलोमिटर भएको सडक खण्डको निर्माणका अबधिमा आउने गुनासाहरुको अध्ययन गरी स्थानिय स्तरमानै समाधान गर्न आयोजना स्तरमा वडा ११ का अध्यक्ष श्री सुमन्त कोइराला ज्यूको संयोजकत्वमा निम्न उल्लेखित ब्यक्तिहरु रहनेगरी एक गुनासो सुनुवाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराईन्छ । साथै आयोजना सम्बन्धित कोहिकसैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाइ समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

तपसिल

१. संयोजक: श्री सुमन्त कोइराला , वडाध्यक्ष वडा नं. ११
२. सदस्य: श्री किरन पाण्डे , वडाध्यक्ष वडा नं. १०
३. सदस्य: श्री अनिता थापा, का.बा अध्यक्ष वडा नं. १२
४. सदस्य: श्री नविन कुमार चौधरी , वडाध्यक्ष वडा नं. १३
५. सदस्य: श्री उर्मिला बि,क वडासदस्य वडा नं. १०
६. सदस्य: श्री निला काक्री ढोली वडासदस्य वडा नं. ११
७. सदस्य: श्री राम कली विश्वकर्मा वडासदस्य वडा नं. १२
८. सदस्य: सामाजिक सुरक्षण/वतावरण विशेषज्ञ/सुपरभिजन ईन्जिनियर (DSC)

ई. शैलेन्द्र कुमार मण्डल

शहरी पूर्वाधार विकास शाखा

ई. शैलेन्द्र कुमार मण्डल

ईन्जिनियर

Minute related to Labor camp, stockpiling area, spoil site location

आज मिति २०८०।०८।१५ गतेका दिन त्रियुगा नगरपालिका मार्दत कार्यन्वयन हुने समयमा खासगरी तथा र्जनबाट आयोजना (NUPDP) इकाइले त्रियुगा नगरपालिका पहिलो दोस्रो पल्लिका मा परीका नाराइका, गार्डिया गडुन प्लाजिडि कोठाडिका इकाइले सिटिल देरी सिमलरा गाईका देकनेल सड, नाकायनी देरी डि. एगोड, फुलगाड देरी वि. वि. चोद बोरेगेल त्रियुगा कोर-डोर, सिटिल देरी रामचन्द्र वस्नेतका बासमा, गाईका सिमल राेल आदरी गले रामडिलो डाडा प्रमोदन स्कूल देरी बरमाका गार्डिया देकनेल सड, पुनिराले (ख) केका अगादीको सड हुने साइला जोने सड सगरमाथा कृषि बजार (पञ्चमीकाड) दायाँका मदनगन्डाका खासका ईडे जतपनीको त्रियुगा कडा ई १२ का सडकाइत इकायी गर्ने सिमिलामा आयोजनाका लागि लेबर कर्मचारी न त्रियुगा सामग्रीका सडका जग्गा नहिने भएको हुनाले प्रत्येक नगरपालिकाका नगरप्रमुख को आयोजना उक्त सुझावको पर्ने जग्गा थाने समझसेनी, शक्तिनी न खासगरी दल लगाएत सरोकारवालाका सडका उपर-छातिमा गरिएको दलफल तथा फासका तणसिले उपर-छाति गालीका सडकागामा से हलवुर्वा र्व हुनेलायका साथ सम्भव भयो।

उपस्थिति

१. श्री	नवल कुमार बस्नेत	(नगरप्रमुख)	हाम्रो
२. श्री	महेन्द्रजी कार्की	(नगरप्रमुख)	
३. श्री	त्रियुगा भक्त सिटिल	(प्रमुख पञ्चायत)	
४. श्री	बुधनाथ कोइराला	(वडाअध्यक्ष - ११)	
५. श्री	त्रियुगा भक्त चौधरी	(वडाअध्यक्ष - १२)	
६. श्री	आनन्द शर्मा	(का.वा. अध्यक्ष - १२)	
७. श्री	त्रियुगा पाण्डे	(का.वा. अध्यक्ष - १०)	
८. श्री	त्रियुगा मण्डल	(ई.)	
९. श्री	आनन्द शर्मा	(ई.) DSC	
१०. श्री	सिद्धा लाल गुरुङ	(अ.व.प.)	(३)

(Signature)

प्रस्ताव

१. लेबर क्याम्प सञ्चालना ।

विर्णय

प्रस्ताव नं: १ माथी बलमान गढी यस त्रियुगा नगरपालिका भित्र पर्ने पडिलो र दोस्रो प्राथमिकतामा पर्ने खाद आयोजनाको कार्यान्वयनको समयमा लेबर क्याम्पको आवश्यक पर्ने मरबोली डल लेबर क्याम्प सार्वजनिक लागी आवश्यक पर्ने जग्गा भनि त्रियुगा नगरपालिका वडा नं: १३ स्थित बडेको बरवा बसपार्क भन्ने सरकारी स्थान जग्गा रहेको हुदा डल स्थाली त्रियुगा लेबर क्याम्प र विमोचन सारणी मन्दाहा गर्न दिने निम्न गर्दियो ।

(Signature) २०७२/०५ *(Signature)* *(Signature)* *(Signature)* *(Signature)* *(Signature)*

Municipal letter related to campsite, stockpile, Solid waste and other facilities establishment area



पत्र संख्या :- ०८०१०८९
चलानी नम्बर :-

त्रियुगा नगरपालिका

गाईघाट, उदयपुर
कोशी प्रदेश नेपाल

☎ ०२५- ४२०१०८
फ्याक्स ४२०१८५
triyuga.mun@gmail.com

मिति:- २०८०/०८/१८

विषय:- निर्माण को क्रममा आवश्यक जग्गा उपलब्ध गरिएको बारे।

यस त्रियुगा नगरपालिकामा विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकिय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस उदयपुर जिल्ला त्रियुगा नगरपालिका वडा नं. १०, ११, १२, १३ मा पर्ने पहिलो र दोस्रो प्रथमिकतामा परेका १४.५ किलोमिटर सडक खण्डको निर्माणको लागि तपशिल बमोजिमको ठाँउ उपलब्ध गराईने व्याहोरा जानकारी गराईन्छ। तपशिल

१. Camp Site , Stockpile, Solid waste Management, Workshop, Concrete Batch Plant - बरुवा बस पार्कको उतर तर्फको नगरपालिकाको खली जग्गा।
२. Quarry Site Borrow Pits -त्रियुगा र बरुवा खोलामा IEE Approved भएको ठाँउ।
३. Spoil Disposal Site- बिसनपुरमा रहेको Dumping site।
४. Crusher- त्रियुगा- बरुवा दोभानको खाली रहेको जग्गा।


बसन्त कुमार बस्नेत

नगर प्रमुख

बसन्त कुमार बस्नेत
नगर प्रमुख

Municipal executive decision about IEE of Quarry site Approval

बैठक संख्या नं. : १९
आज मिति २०८०।०५।०९ गते सनिबारका दिन त्रियुगा नगरपालिकाका नगर प्रमुख श्री वसन्त कुमार वस्नेतजीको अध्यक्षतामा तपसिल बमोजिमका वडा अध्यक्ष तथा कार्यपालिका सदस्यज्यूहरुको उपस्थितिमा नगर कार्यपालिकाको आकस्मिक बैठक बस्यो ।

उपस्थिति

सि.नं.	नामधर	पद	दस्तखत
१	श्री वसन्त कुमार वस्नेत	नगर प्रमुख	
२	श्री महेश्वरी राई	नगर उपप्रमुख	
३	श्री मनोज कुमार चौधरी	वडा अध्यक्ष वडा नं. १	
४	श्री घमान सिंह खत्री	वडा अध्यक्ष वडा नं. २	
५	श्री तिलक बहादुर कटुवाल	वडा अध्यक्ष वडा नं. ३	
६	श्री यद्वी वस्नेत	वडा अध्यक्ष वडा नं. ४	
७	श्री उदय कुमार थापा	वडा अध्यक्ष वडा नं. ५	
८	श्री योगेन्द्र बहादुर दाहाल	वडा अध्यक्ष वडा नं. ६	
९	श्री अमर बहादुर दनुवार	वडा अध्यक्ष वडा नं. ७	
१०	श्री राज कुमार राउत	वडा अध्यक्ष वडा नं. ८	
११	श्री राज कुमार दनुवार	वडा अध्यक्ष वडा नं. ९	
१२	श्री किरण पाण्डे	वडा अध्यक्ष वडा नं. १०	
१३	श्री सुमन्त कोईराला	वडा अध्यक्ष वडा नं. ११	
१४	श्री अनिता थापा	का.वा.वडा अध्यक्ष वडा नं. १२	
१५	श्री नविन कुमार चौधरी	वडा अध्यक्ष वडा नं. १३	
१६	श्री हिम राज मगर	वडा अध्यक्ष वडा नं. १४	
१७	श्री गणेश प्रसाद लिम्सीना	वडा अध्यक्ष वडा नं. १५	
१८	श्री मान बहादुर राई	वडा अध्यक्ष वडा नं. १६	
१९	श्री विमल राई	कार्यपालिका सदस्य	
२०	श्री डिल्ली सेर राई	कार्यपालिका सदस्य	
२१	श्री बलदेव बिष्टकर्मा	कार्यपालिका सदस्य	
२२	श्री गीता कुमारी उप्रेती	कार्यपालिका सदस्य	
२३	श्री रेखा थापा मगर	कार्यपालिका सदस्य	
२४	श्री रेणुका श्रेष्ठ	कार्यपालिका सदस्य	
२५	श्री सुनिता गजमेर	कार्यपालिका सदस्य	
२६	श्री कुन्ती परियार	कार्यपालिका सदस्य	

सचिव

श्री विष्णु भक्त सिग्देल

प्रमुख प्रशासकीय अधिकृत

१४	अनिता दनुवार	का.स.	आ.स्वा.से.के.शाहीखोला	६ महिना
१५	इन्दिरा बि.क.	का.स.	आ.स्वा.से.के.मैहल	४ वर्ष+
१६	कमला आचार्य	का.स.	आ.स्वा.से.के.साकेला	४ वर्ष+
१७	कमल भट्टराइ	का.स.	आ.स्वा.से.के.बुढाचौक	१ वर्ष+
१८	शुभ कुमारी राइ	का.स.	आ.स्वा.से.के.बहेडवा	५ वर्ष+
१९	उमा कुमारी बुढाथोकी	का.स.	आ.स्वा.से.के.करमगाछी	२ वर्ष +
२०	सरणमति राई	का.स.	स्वास्थ्य चौकी साउने	५ वर्ष+
२१	तारा तामाङ माझी	का.स.	आ.स्वा.से.के.वाजगरा	३ महिना
२२	कुमारी राइ	का.स.	स्वास्थ्य चौकी जिलाउने	४ वर्ष+
२३	चित्र बहादुर मगर	का.स.	आ.स्वा.से.के.जोते	२ वर्ष +
२४	छलीमाया प्रजा	का.स.	आ.स्वा.से.के.सुकौरा	४ वर्ष+
२५	कमला अधिकारी	का.स.	आ.स्वा.से.के.सुकौरा	३ वर्ष+

स्वीपर:

सि.नं.	नाम धर	पद	कार्यरत संस्था	कैफियत
१	राजेश मरिक्	स्वीपर	स्वास्थ्य शाखा	४ वर्ष+
२	नितु मलिक	स्वीपर	स्वास्थ्य चौकी जोगीदह	३वर्ष+
३	ललिता मरिक्	स्वीपर	स्वास्थ्य चौकी देउरी	४ वर्ष+
४	इधरी सदा	स्वीपर	स्वास्थ्य चौकी भुमसुबा	४ वर्ष+

निर्णय नं. ४८३

त्रियुगा नगरपालिकाको मुख्य आन्तरिक स्रोतको रूपमा रहेको त्रियुगा, बरुवा र सुनकोशी नदीको नवविजय पदार्थको बिचि कर संकलनको लागि प्रारम्भिक वातावरणीय परिक्षण (IEE) स्वीकृत गर्नु पर्ने प्रावधान रहेकोमा पुर्बोक्त जियो सोलुसन प्रा.लि., विराटनगरसँग IEE का लागि कार्यालयबाट सम्झौता भएकोमा सो फर्म वाट पेश भएको कार्यसूची तथा IEE को तपसिल बमोजिमको परिमाण स्वीकृत गरी नियमानुसार ठेका प्रकृयामा जानको लागि आवश्यक व्यवस्था गर्न कार्यालयलाई निर्देशन दिने निर्णय गरियो ।

उपस्थित

उपस्थित

प्याकिज १:वरुवा खोला र चुनकोरी नदी						
उत्खनन् क्षेत्र / प्लट नं.	क्षेत्र	वार्षिक निकालन सकिने		वार्षिक जम्मा हुने घ.मि.	वार्षिक निकालन सकिने घ.मि.	दैनिक निकालन सकिने घ.मि.
		क्षेत्रफल वर्ग मि.	गहिराई मि.			
१	मुस्ताग खुहरा (बाह्रमरा)	३१७८२	०.५	२८६०३.८	५४३४.६	३४.३१३३३
२	दिमकी	४१६४४	०.८	४१६२३.२	२०६६१.६	७६.४७४४४
३	साकिता	४१३०८	०.५	४११७७.३	२३०८८.६	८४.४१३३३
	जम्मा	११४७३४		१११४०४.३	४३२८४.८	१९७.३४१११

प्याकिज १:वरुवाखोला / चुनकोरी नदी						
क्र.सं.	उत्खनन् गरिने स्थान	ड्रिङ	साभेल	बासुवा	माटो	अनुमानित राजस्व(रु.)
१	मुस्ताग खुहरा (बाह्रमरा)	३१७८	६३४७	-	-	२३४६१७३.४२
२	दिमकी	३८७४	२०२७४	-	-	४१०७६०३.६२
३	साकिता	७६२६	२२३३९	-	-	४३०७४६३.४२
	जम्मा	४३३४	४८९४०	-	-	१११७३३४४.४६

प्याकिज २:त्रियुगा खोला						
उत्खनन् क्षेत्र / प्लट नं.	क्षेत्र	वार्षिक निकालन सकिने		वार्षिक जम्मा हुने घ.मि.	दिगो रूपमा वार्षिक निकालन र.किने आपर्जाव घ.मि.	दिगो रूपमा दैनिक निकालन सकिने आपर्जाव घ.मि.
		क्षेत्रफल वर्ग मि.	गहिराई मि.			
१	कोजे	३८१९०	०.६	२२९१४	११४४७	४२.४३
२	मुस्तागर्ड डोल	४७३७६	०.४	२३६३८	५४४४.२	३४.०१
३	विजरी	१५७९७	०.६	११८७८.२	४७४१.२८	१७.४६
४	फर्सेट देखी त्रियुगा बसपाके	२२४४६	०.६	१३४७३.६	४३८६.४४	१९.९६
५	त्रियुगा खुलने दोभान	४२९६९	०.४	२६४८४.४	१०४५६.८	३६.२३
६	साभेलि (त्रियुगा-दैनिकी खोला दोभान)	८४८४९	०.४	४२९२९.४	१७१७.८	६३.४६
७	जोगिस्टा(त्रियुगा केग दोभान)	८६४०७	०.४	४३२४३.४	१७३०१.४	६४.०७
	जम्मा	३४३०४४		१८४४७१.३	७६११९.६२	३८१.९२

प्याकिज २:त्रियुगा खोला							
प्लट नं.	उत्खनन् क्षेत्र	वार्षिक जम्मा हुने घ.मि.	ड्रिङ घ.मि.	साभेल घ.मि.	बासुवा घ.मि.	अनुमानित राजस्व ड्रिङ/साभेलबाट रु.	अनुमानित राजस्व बासुवाबाट रु.
१	कोजे	११४४७	-	११४४७	-	२८३२२३८	-
२	मुस्तागर्ड डोल	५४४४.२	१३१४	८१४१.२	-	२३३७३७३	-
३	विजरी	४७४१.२८	-	४७४१.२८	-	११७४४४०	-
४	फर्सेट देखी त्रियुगा बसपाके	४३८६.४४	-	४३८६.४४	-	१३३२२६७	-
५	दोभान	१०४५६.८	-	-	१०४५६.८	-	२२४४७३०
६	साभेलि (त्रियुगा-दैनिकी खोला दोभान)	१७१७.८	-	-	१७१७.८	-	३६३८४३३
७	जोगिस्टा(त्रियुगा केग दोभान)	१७३०१.४	-	-	१७३०१.४	-	३६५४५६४
	जम्मा	७६११९.६२	१३१४	२६७३८.६२	४४०६७.४	७६५४५६४	१७३२४६४४

आज २०७५/१५/११ गतेको दिन यस त्रिभुजान.पा.
मा संनात्मक भैरहेको नेपाल ब्राह्मि शासकिय पुर्वाचार
आयोगना (NUGAP) अर्न्तगतको विविधन देखि समन-
वार जाईव्याट दिनेला खाडको आयोगनाको सामाजिक
व ना वातरणिय जावस्थापना घोषणा तथा पानेको
व्यागी यस्त शितालय होला विवश संस्थाको अन्तर्गत
देवी प्रसाद राणिको जाडको अन्तर्गतमा १५७७ वसी
निष्ठ विषयहरूमा तपशिल बगो र्नेनाको दपन्विधिमा
खलपण जसै विषय जाइयो ।
तपस्विक

- [illegible]

8.1 मरुस्थल कालांतरात गाढा आर्द्रपत्रे वृक्षाः (पा. वृक्षाः) ।
 8.2 चिन्ते

9.) उपरोक्त प्रस्ताव नं. 9 माफि हस्ताक्षर गर्दै यस स्थितिको
होलावासी निपुण - १९ वर सम्पुर्ण स्थानिय वासी हुनहुने
आधोपत्यको वार्डमा मतदाता गठान्ते।

२) प्रस्ताव नं. २ मा विष्णुकाश गर्दै यस सङ्घ उपभोग
मनाको कान्तापनरीय र समाजिष्ठ कार्यकायलय योजना
तथा गतको लागि यस विधानको बाँझ वासीहरूको
समाजिक संरक्षण गर्ने कार्य सम्पन्न गरियो। र
यस सङ्घ उपभोगजनका त्रिपुजा नं पा. ६२०५
२०६५ मा नं १४ कै विवरणमा समाजिक कार्य -
नकाशा अनुसार आएको हुँदा सङ्घ पूर्ण पसिष्ट नै
वास्तविकतामा आएको अवस्था नपरेको भन्ने निर्णय गरियो।

५. प्रस्ताव नं. ३ मात्र केवल एक गरीब पक्ष उप-भाषाजना-
अन्तर्गतका लोख वानी हज्जत। कुरा, केहि छिन्दा
करणी दुईशत। येलीबरी बेच खिखत बरहेको
अनि बिर्वाप गरिनेछे।

४ पुस्तक न. ४ मा विष्णुसहस्रनाम नाम उपभाषा
एव निरूपित गद्दी कृतं प्रविष्टा संस्कृत नपते
५ प्राप्ति प्रवर्णनं हस्तगतं अस्य नपते अति
विर्णय प्रविष्टो ।

Handwritten signature and date: 20/11/2020

आम्रमिति २०८०/२०८१ गतेको विद्यामन त्रियुगा न.पा.मा -
संचालन भईरहेको बेपार शाहले कासाकिम पुर्वाधार आयोजना (NUGIP) अर्न्तगत गिरीलेखन टेमेक विमलवार गाउँपालिकाको सडक उप-आयोजनाको वातावरणीय र सामाजिक
छायापराय योजना तयारीको लागि प्रस्तावित क्षेत्रको बारेमा जानकारी
संगठित बसहरूको तालिमको लागि जसको अन्तर्गतमा -
गपसिद्ध समितिहरूको उपस्थितिमा २०८० बसी निम्न
विषयहरूमा छलफल गरियो।

तपस्विनी

१. तालिमको लागि अन्तर्गत हो स. त्रियुगा-११
२. विष्णु श्रेष्ठ पडा सादर त्रियुगा-११ विष्णु
३. चामलिन नाई उपस्थित हो स. त. " चामलिन
४. रामेन्द्र नाई साविक " " " "
५. भावना कटुवाका कोषाध्यक्ष " " " "
६. अणुप सिंह नाई साह-सचिव " " " "
७. प्रेमदेव झाह सदस्य " " " "
८. विष्णु प्रौडेल सदस्य " " " "
९. जित्तु ना. सडका सदस्य " " " "
१०. रेवेम नाम नाई " " " "
११. स्वप्ना लामा नाई " " " "
१२. अन्जना नाई " " " "
१३. अरुणना नाई " " " "
१४. सारिता डुवाकोटी " " " "
१५. प्रिन्स डुवाकोटी " " " "
१६. भद्रत कुमार श्रेष्ठ " " " "
१७. हर्ष कटुवाका " " " "
१८. शान्ती " " " "
१९. मिले कटुवाका " " " "
२०. मदन व. डाँडा " " " "

छलफलको विषयहरू:

क) आयोजनाको जानकारी प्राप्त भईरहेको छ। - पत्र उप आयोजना
को बारेमा यस क्षेत्रको विकासको लागि कार्य

आम्रमिति २०८०/२०८१ गतेको विद्यामन त्रियुगा न.पा.मा -

२. आयोजनाको तथ्यांक वातावरणीय परीक्षणको सम्बन्धमा
यस सडक उप आयोजनाको आयोजनाको तथ्यांक
वातावरणीय परीक्षणको तथ्यांक तयारीको लागि यस क्षेत्रको स्थिति
यस वातावरणीय तथ्यांकको लागि कार्य सम्पन्न गरियो।
३. सडक चौडाई विमलवार गर्ने कार्यहरूमा :- यस सडक
उप आयोजनाको काम अन्तर्गत दिने भएको हुँदा
चौडाई भन्दा चौडाई सडक निर्माण सम्बन्धीत
निष्पत्ति गर्ने पक्षमा गर्ने अनि निर्णय गरियो।
४. यस सडक उप-आयोजना २०८८ साल देखि
१८ डि. देखि १४ मिटर सम्म सडक चौडाईको
क्षेत्रको लागि संचालनमा आएको हुँदा यस
सडकको लागि बि.प.नि.बाट संचालन गर्न
नपर्ने र छुट्टी पनि विषय नरहेको अनि निर्णय
गरियो।
५. छिमेकी विष्णु, दुर्गा, यौन मोसल, करणी आदि
सम्बन्धी घरहरूमा यस क्षेत्रको हावा सफा
नभएको र हरेक क्षेत्रमा अरु विष्णु पुरुषको
समान अचिकार, आला आएको भनी निर्णय
गरियो।

कोषाध्यक्ष / सचिव / सदस्य / निर्देशक / अध्यक्ष

आज मिति ०७/०८/२०७२ गतेको दिन यस विद्यालयमा
नेपालतर्फ भईरहेको नेपालमा हरेक बालाकृत्य पुर्वाधार आफो-
पला (NUEIP) अर्न्तगत यसको लागि मार्ग दिखो ह
कसको सडक अर्न्तगत यसको लागि लोक विकास
संस्था र यसको तर्फबाट लोक विकास संस्थाको -
सदस्यहरुको साथमा यसको तर्फबाट यसको तर्फबाट
योपना तर्फबाट यसको तर्फबाट यसको तर्फबाट
गतेको यसको तर्फबाट यसको तर्फबाट यसको तर्फबाट

- [illegible]

- १) यस्तु सप्तपञ्चम आधोमताको, सप्तक अष्टमिकर ईसा (२०००) वर्षमिटर भए जेको पत्तु बचमिटर मित्र कुनै पनि घर भूत बसंदा नपरे ईसा कुनै पनि बाक्का नरहेको अनि खर्च सभ्यत निर्माण गरियो।
- २) यस्तु सप्तपञ्चम आधोमताको, वातावरणीय तथा स्वास्थ्यमिष्ठ पारवस्थापन पोषण तथा रीति को ध्यानी अवस्था तथा सुख संकावा नु गर्ने कार्य प्रत्यक्ष गरियो। र यस्तु सप्तक आधोमता मित्र कुनै पनि ईसा सभ्य नरहेको गरियो।
- ३) यो वातावरणीय ध्यानी गेह सप्तपञ्चम आधोमताको बले ईसा १ वर्ष आगो दे री भए पनि सप्त सप्तक ईसा आगो नबहेको ईसा तथा सप्त रोजी भए पनि रोजी बतार्ने सप्तमिष्ट निर्माण। यहन गर्ने अनि निर्माण गरियो।
- ४) यस्तु आधोमताको, कुनै बच सप्तमिष्ट ईसा सप्त रोजी वा निर्माणको आपति सप्तमिष्ट निर्माण। हावा काय रहेको बचमिटर सप्तक अष्टमिकर ईसा बाक्का काय गरी निर्माण गर्ने अनि निर्माण गरियो।

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आज मिति २०२०-४-६ शुक्रवार दिन यस त्रियुगा नगरपालिका संचालन गरेका नेपाल गहरी शासकिय पुर्तकार आयोगना (MUGP) अन्तर्गत नगरपालिका द्वारा इन्जिनियरको फुलचर्क देरिब नेप जी र्थक सडक बेगैलेन त्रियुगा कौरीडा आगेको सामाजिक आर्थिक तथा अर्थिक जानकारीको लागि अध्ययन गर्न आएका एक्सपर्ट र यस नगरपालिकासंग कार्यन्वयन प्रतिनिधि र स्थानीय बासिन्दा विद्य इनफ्लुअन्स भएका

अध्ययन उपस्थिति

दिन	नाम	ठेगाना	पद	सम्पर्कन	हस्ताक्षर
१	तारा प्रसाद चौधरी	छत्रचौड	रेकर्डिङ		
२	इरे लाल चौधरी	"	"		
३	श्याम चौधरी	"	श्याम चौधरी		
४	गफ बडाङ	छत्रचौड	"	मन्त्री	
५	नेवनाथ चौधरी	"	"		
६	शंकर चौधरी	"	"	शंकर	
७	कोषराज खड्का	"	"		
८	मित बडाङ	छत्रचौड	"		
९	महेन्द्र चौधरी	"	"		
१०	लक्ष्मी चौधरी	"	"		
११	अनिता थापा	"	"		
१२	मोना राय	DSC environmental expert			
१३	अमरसि राण माइव	DSC Engineer			
१४	बिनायक पौडेल	सामाजिक सेवादाता			

सल्लाहकार विषयहरू

- १) यस सडक उप-आयोजनाको अन्तर्गतको स्थानिय बासिन्दाको सडक उप-आयोजना न MUGP को सामाजिक तथा आर्थिक जानकारीप उपस्था पन योग्यता, लोडिङ हिंसा आदि विषयमा जानकारी गराइयो।

१) यस सडक उप-आयोजनाको काम कारबाही स्थित सुस्त भएको हुँदा सम्बन्धीत निकायहरूमा फिरो लाग्ने गरेको छ। पहिलो गते भन्ने निर्णय गरियो।

२) यस सडक उप-आयोजनाको सडक अधिकार क्षेत्र (R.O.W) आद मितर कायमगरी नगरपालिकाको काम गर्दै आएको हुँदा, यस सडक उप-आयोजना मितर कुनै पनि चलायन, तयारी भन्ने निर्णय गरियो।

३) यस सडक उप-आयोजना अन्तर्गतको होल बन्ती हुने गरी प्रविष्टि हिंसा, नौल हिंसा, कुरानी दुरुपयोग आदि जस्ता समस्याहरू खासै नभएको र कहिले काहीँ धेरै लाग्ने, फिरेको लाग्ने सम्बन्धि निवेदनहरू, होल विनाश संस्था मा आउने गरेको पाइयो।

पुनः

मिति २०२०/०४/०६

मन्त्री चौधरी

उपदधीन

क्र.सं.	नाम	पद	स्थान
१	प्रधान कोष	वि. १०५४-१२	अध्यक्ष नरमान
२	वृद्धम डेन नोदी	वि. १०५४-१२	सामान्य
३	इन्ज. डेन नोदी	वि. १०५४-१२	अध्यक्ष
४	रेड डेन कोष	वि. १०५४-१२	सामान्य
५	गोपाल कोष	वि. १०५४-१२	सामान्य
६	मोड कोष	वि. १०५४-१२	सामान्य
७	इकन कोष	वि. १०५४-१२	सामान्य
८	पैनी भाषा कोष	वि. १०५४-१२	सामान्य
९	रामकृष्ण कोष	वि. १०५४-१२	सामान्य
१०	सुडन कोष	वि. १०५४-१२	सामान्य
११	मालविकापुर कोष	वि. १०५४-१२	सामान्य
१२	पुष्प कोष	वि. १०५४-१२	सामान्य
१३	गीता कोष	वि. १०५४-१२	सामान्य
१४	मधुसूत कोष	वि. १०५४-१२	सामान्य
१५	गोपी कोष	वि. १०५४-१२	सामान्य
१६	मोड कोष	वि. १०५४-१२	सामान्य
१७	अमल कोष	वि. १०५४-१२	सामान्य
१८	विनोद कोष	वि. १०५४-१२	सामान्य

अलङ्कार। लिख्य तथा। लिख्यः।

9) यमस्य सऽङ्को उप. आयाप्यता अन्तगतको मनसि प्रकाशमानो

ताक्षीस्तकदि आशेषालाको सामाजिक तथा कलावर्णिथ
काव्यशास्त्र गोपना, र्निर्दिष्ट समावेश तथा व्याभाषिक -
व्यावहारिकरण सन्तुष्टी प्राप्तकरी गर्दियो।

२) यसस्य ब्रह्मक उपभाषोपना ब्रह्मलक्ष्मी त्रिमुखा, तत्रादपालोको
" त्रिमुखा त. पा. को ब्रह्म ब्रह्मलक्ष्मी आपदण्ड ३०५६ " तत्राद
पति काप्रार्त आएको हुनाले हाल यस ब्रह्मका। कुनै
पति घर, संरचना, वस्त्र, किशुवा नपत्नी हुनाले यस
ले प्रकाशमानिय तासी हुनाले कुनै पाति वा आश्रवरो द्य
गर्त छैन मले यस सम्पत्त निर्णय गरियो।

2. यस्तु कसक उप-आवेषणको निर्माण कार्यका अवधानतः दिखे भएको हाल कसकको मुख्यतः पनि ठिण रहेको चर्चा रवाज्य भएको - कारणले गर्दा दुपाम्छु, सिरि सफारी चलन पनि गह्रो भएको कारणले गर्दा गर्दा - सम्पर्क दिन निपहलेकात्र योसँग गर्दा पहल गर्दा अलि निर्णय गरियो ।

$\frac{2}{3}$
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 $\frac{1}{3}$
 $\frac{1}{4}$

आवृत्ति २०२७/०८/१६ गतेका दिन १२४ क्रिड्या नगरपालिका
स्वास्थ्य मन्त्रालय नेपाल शाहरी स्वास्थ्य सेवा आयोग
(NUGSP) क्षेत्रमा नगरपालिका द्वारा खनोड गरिएको फलामको रेल
वि.सि. जोड हाड कोटिगेल जियुगा कोटिगेल कोटिगेल सामाजिक
कार्योन्मेष तथा भौतिक जातकारीको लागि अर्थको गर्न थालेका
गेल्ले र अर्थ नगरपालिका १२ नं वडा समितिको प्रतिनिधि र
स्वास्थ्य आयोगको रेल वासिन्दा नियम व्यवस्था गरियो।

क्र.सं.	नाम	ठेगाना	पद	संकेत
१.	१. क. वडा अध्यक्ष	वि. १. ५५९१		
२.	२. वडा सदस्य	-		
३.	३. वडा सदस्य	-		
४.	४. वडा सदस्य	-		
५.	५. वडा सदस्य	-		
६.	६. वडा सदस्य	-		
७.	७. वडा सदस्य	-		
८.	८. वडा सदस्य	-		
९.	९. वडा सदस्य	-		
१०.	१०. वडा सदस्य	-		
११.	११. वडा सदस्य	-		
१२.	१२. वडा सदस्य	-		
१३.	१३. वडा सदस्य	-		
१४.	१४. वडा सदस्य	-		
१५.	१५. वडा सदस्य	-		
१६.	१६. वडा सदस्य	-		
१७.	१७. वडा सदस्य	-		
१८.	१८. वडा सदस्य	-		
१९.	१९. वडा सदस्य	-		
२०.	२०. वडा सदस्य	-		

निर्वाह तथा स्तम्भलका विषयहरू:

१. यस संयुक्त आयोगको स्थापना वासिन्दा
कोटिगेल (NUGSP) आयोगको कार्यालय जातकारी
गरियो।

१) यस संयुक्त आयोगको स्थापना वासिन्दा
कोटिगेल (NUGSP) आयोगको कार्यालय जातकारी
गरियो।

२) यस संयुक्त आयोगको स्थापना वासिन्दा
कोटिगेल (NUGSP) आयोगको कार्यालय जातकारी
गरियो।

३) यस संयुक्त आयोगको स्थापना वासिन्दा
कोटिगेल (NUGSP) आयोगको कार्यालय जातकारी
गरियो।

आप जिनि 20.20.05/198 गतेको दिन यत्र सिद्धा
लाग्नपालिका गन्तव्यको अन्तर्गत नेपाल सहित प्रालि-
य पुर्वोचार आधुनिकता (NUGIP) अन्तर्गत यस सिद्धि-
देखि प्राप्त भएको चरित्रको सङ्ग्रहको सामाजिक
तथा वातावरणीय व्यवस्थापनको रूपमा बताउनुको लागि
यत्र सेनाको सहायि एडो ग्रेग तथ्याङ्क संश्लेषण तथा
राष्ट्रिय विकास योजना गर्ने कार्य सम्पन्न गरियो।

क्र. १७ त्रिपाक्षिपत्ते

- | | | | | | |
|-----|--|---|---|---|---|
| 90. | हस्तभाषा/राई | " | " | " | " |
| 92 | उद्भव फलक | " | " | " | " |
| 93 | लिखा सिवाही | " | " | " | " |
| 94 | लिखा भाग | " | " | " | " |
| 95 | राज्यपाल कदम | " | " | " | " |
| 96 | मेलिका राई | " | " | " | " |
| 96 | लिखा मील | " | " | " | " |
| 97 | हस्तभाषा राई | " | " | " | " |
| 98 | सिला फलक | " | " | " | " |
| 99. | लिखा फलक | " | " | " | " |
| 100 | भावना राई | " | " | " | " |
| 101 | भावना फलक | " | " | " | " |
| 102 | सिला राई | " | " | " | " |
| 103 | अमादप राण भाइय | " | " | " | " |
| 104 | होल राण environment engineer | " | " | " | " |
| 105 | विमोद पौडेल कामागिरी विकास विज्ञान DSC | " | " | " | " |

प्रस्तावना:

१. सिटिब्लोदेसि रायचल, बस्नेतको घर आफ्नो, शालको विमल
पनिपोपता प्रसिदेल (७९९) अन्नपल बस्नेतमा।
२. सडको आधिकार क्षेत्र (७९९) बस्नेतमा।
३. विविक्त

निर्णयः

१. उपरोक्त प्रस्ताव नं. १ माफि व्यवस्थापक गार्डन ग्राम सञ्चालक -
विस्तृत परिशिष्टना प्रतिवेदन (DPR) अध्ययन गर्दा यस -
सञ्चालकको वातावरण तथा क्षमाश्रित्य अवस्थापन गोपना
वारे व्यवस्थापन गर्ने र आफ्नै सञ्चालक सञ्चालन गर्ने परम्परा
हेतुका रूपातिथि वास्तविकताहरूको सहयोग गर्ने अनि निर्णय गरियो।
२. उपरोक्त प्रस्ताव नं. २ माफि व्यवस्थापक गार्डन ग्राम सञ्चालक सञ्चालक
अधिकार क्षेत्र (क्षेत्र) यस शिमुगा न.पा.ले २०६५ मा
नै शिमुगा न.पा.को सञ्चालक समिति मापदण्ड २०६५ वनाई
८ मिटर काष्ठ गेटको हुँदा र यो सञ्चालक २०६५ देखि नै
खोला open रहेको छुट्टै पनि घर संरचनाहरू सञ्चालक
मा पर्ने हुनाले यस क्षेत्रको रूपातिथि वास्तविकताले
सञ्चालक निर्माणको रूपातिथि छुट्टै पनि बादा। अर्थात् नगरी
अनि व्यवस्थापन निर्णय गरियो।

~~Power~~ 100 HINDI

Consultation meeting with IP and Dalit community

आज मिति २०८०।०६।०८ गतेका दिन मध्य त्रियुगा नगरपालिकामा स्थानीय प्रमुखको अध्यक्षतामा स्थानीय शासकिय अधिकारीको आयोजनामा (NUGMP) अन्तर्गत नगरपालिका द्वारा छत्रीय गरिखो गाउँपालिकाको सडक अड्डाको सडक रमाइलो डाँडा मतमोहन स्कूल देखि डरमगाडी गाउँपालिका दिक्तेल सडक त्रि.न.पा.१० बगेको सडकको आर्षेडि, मोनिटर तथा वातावरणीय जानकारीको लागि अहिले गरि आएको (०६।०६-०८-१८) कोषाध्यक्षको त्रियुगा नगरपालिका र १० र्को वडा का प्रतिनिधि र स्थानीय समाजसेवीहरूको सहभागितामा भएको छ।

अध्यक्षीय

क्र.सं.	नाम	पद	हस्ताक्षर
	सुनिल नि. कु.	वि.न.पा.१० अध्यक्ष	
	सुनिल अर्या		
	प्रमोद क. नि. कु.		
	प्रमोद क.		
	प्रमोद क. सुनिल		
	कल्पना अर्या		
	विना प्रमोद		
	प्रमोद नि. कु.		
	सुनिल नि. कु.		
	विमला नि. कु.		
	राम क. नि. कु.		
	प्रमोद नि. कु.		
	विमला रमो		
	विमला रमो - समाजिक विकास DSC		
	धनप्रसाद नि. कु.		

१। मध्य रमाइलोडाँडा अन्तर्गत गाउँपालिकाको सडक अड्डाको सडक रमाइलो डाँडा मतमोहन स्कूल देखि डरमगाडी सडक अड्डाको सडकको आर्षेडि, मोनिटर तथा वातावरणीय जानकारीको लागि अहिले गरि आएको (०६।०६-०८-१८) कोषाध्यक्षको त्रियुगा नगरपालिका र १० र्को वडा का प्रतिनिधि र स्थानीय समाजसेवीहरूको सहभागितामा भएको छ।

- १) मध्य सडक आयोजनामा छत्रीय गरिखो गाउँपालिकाको सडक अड्डाको सडक रमाइलो डाँडा मतमोहन स्कूल देखि डरमगाडी सडक अड्डाको सडकको आर्षेडि, मोनिटर तथा वातावरणीय जानकारीको लागि अहिले गरि आएको (०६।०६-०८-१८) कोषाध्यक्षको त्रियुगा नगरपालिका र १० र्को वडा का प्रतिनिधि र स्थानीय समाजसेवीहरूको सहभागितामा भएको छ।
- २) मध्य सडक आयोजनामा छत्रीय गरिखो गाउँपालिकाको सडक अड्डाको सडक रमाइलो डाँडा मतमोहन स्कूल देखि डरमगाडी सडक अड्डाको सडकको आर्षेडि, मोनिटर तथा वातावरणीय जानकारीको लागि अहिले गरि आएको (०६।०६-०८-१८) कोषाध्यक्षको त्रियुगा नगरपालिका र १० र्को वडा का प्रतिनिधि र स्थानीय समाजसेवीहरूको सहभागितामा भएको छ।

सुनिल नि. कु.
प्रमोद क. नि. कु.
प्रमोद क.
प्रमोद क. सुनिल
कल्पना अर्या
विना प्रमोद
प्रमोद नि. कु.
सुनिल नि. कु.
विमला नि. कु.
राम क. नि. कु.
प्रमोद नि. कु.
विमला रमो
विमला रमो - समाजिक विकास DSC
धनप्रसाद नि. कु.

सि.नं.	निकष	पद	व्यक्ति
१)	कल्पना रानी	सदस्य	कल्पना
२)	तसमी नि.क	,	तसमी
३)	मिता माह	,	मिता
४)	पुनव देवी राई	,	पुनव
५)	मित्रा साकी	,	मित्रा
६)	देविता राई	,	देविता
७)	सिता नि.क	,	सिता
८)	श्यामला सती	,	श्यामला
९)	शानता रानी	कोषाध्यक्ष	शानता
१०)	इन्दिरा नि.क.	वडा सदस्य	इन्दिरा
११)	विनोद पांडे	उप. नि.क.	विनोद
१२)	मोक्षदा राणा	उप. नि.क.	मोक्षदा
१३)	अमरिष राणा	उप. नि.क.	अमरिष
१४)	लिवाराम गुजराई	उप. नि.क.	लिवाराम

9) यहल गार्डिअट डिवालय लेल आइर्नगेल रमालीड्ड भंगमो हवा र्क्कुल दैख करमगाडी गार्डिअट डिवालय नइक लेल आयोजनको नामाजिक र गालावरणीय टाइमस्थपा सम्वन्धी र

2. यस सङ्क आयोजनाबाट कुनै पनि सामाजिक र वतावरणीय निष्पक्षीकरण सम्बन्धी असर पर्ने भएकाले यस सङ्कलाई दिने वताउन लागी पडल गर्ने अनि निष्पक्ष राखी।

8. इस नाल, निर्माण की क्रममा शुरू हो
उसी अर्कोत आयोजनाओं की शुरू व्यवस्थापन
वाकिल लागी पानी की इनके व्यवस्था की
की लागी पहल करें निर्णय गरिदी

~~उत्तर~~ उत्तर
~~लोग~~ लोग
~~पहले~~ पहले
~~आगे~~ आगे
~~क्या~~ क्या
~~जाएगा~~ जायेगा
उत्तर
क्या
आगे
क्या
क्या
क्या

[illegible]

क्र.सं.	नामगा	हलगा
1	गिता राई	गिता
2	कला राई	कला
3	दिल कु. राई	दिल
4	कल्पना धारा	कल्पना
5	विष्णु भाषा दुकाल	विष्णु
6	कल्पना बल्लभ	कल्पना
7	बसन्त भाषा	बसन्त
8	विष्णु दाहाल	विष्णु
9	मुना राई	मुना
10	मेनुका राई	मेनुका
11	दिल फुलारा राई	दिल
12	आलुका राई	आलुका
13	उषा राई	उषा
14	बिन राई	बिन
15	सोना कछी राई	सोना
16	सार्मला राई	सार्मला
17	मेख राई	मेख
18	सोना राई	सोना
19	लोका भाषा धारा अके	लोका
20	पल्लव राई	पल्लव
21	नारा पडना	नारा

[illegible]

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Tribhuvan Municipality
Gaighat, Udayapur
ESIA and ESMP of Tribhuvan Municipality, Gaighat, Udayapur Road

Attendance Sheet of FGD

Date: 2020/5/28 Venue: सिद्धांत लादपानिक Ward No. 99

Attendees				
SN	Name	Organization/Title	Contact no.	Signature
1	जसरा कुमार खन्नेन	गो. प्रमुख विद्या		
2	महेश्वरी राई	गा. प्रमुख "		
3	विष्णु शंकर विष्ट	प्रमुख विद्यालय १२		
4	निर्मल शर्मा	इ. प्रमुख विद्यालय		
5	समन्त कोइराला	गा. अध्यक्ष विद्या		
6	कि. रा. पाठ	रा. प्रमुख विद्या		
7	गो. प्रमुख विद्या	रा. प्रमुख विद्या		
8	गो. प्रमुख विद्या	रा. प्रमुख विद्या		
9	गो. प्रमुख विद्या	रा. प्रमुख विद्या		
10	गो. प्रमुख विद्या	रा. प्रमुख विद्या		
11	गो. प्रमुख विद्या	रा. प्रमुख विद्या		

Suggestions/Recommendations:

१. अडको आयात प्रक्रिया बिना भएकोले यथासिद्ध चाँदी काठ खुला गन्तव्य पःगो।
२. त्रिभुजा न.पा.ले २०५५ मा त्रिभुजाको अडकोको आपत २०५५ बत्तारि - पिरट केस २५ पिरटसमाको अडको आपत २०५५ बत्तारि हुँदा कुनै औषिख संरचनामा रूपान्तर हुँदैन।
३. काठको प्रक्रिया बिना भएको हुँदा, consultant र सिधै बैंक लाट सिले कडिफिन्ड पःगो।

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Tribhuvan Municipality
Gaigat, Udayapur
ESIA and ESMIP of गार्गस गाउँपालिका क्षेत्र भित्र रहेको राईकोट Road

Attendance Sheet of FGD

Date: 2020-04-28 Venue: डिपोरिया चौक सिमरिया संतान Ward No. 99

[illegible]

Suggestions/Recommendations

१. राजन्यायिक-विच्छेद, सङ्घ-संरचना र विच्छेद बाबु भन्ने,
२. सभामा, य. ३४१ सभागत उद्घरण
३. नालाचलित सङ्घ क. ३३३
४. सङ्घ सङ्घानुसार नाला छेद विच्छेद उद्घरण
५. सङ्घ. सङ्घानुसार र सङ्घगत पत्राचार संरचना र विच्छेद
६. सङ्घ सङ्घगत सङ्घगत उद्घरण
७. सङ्घ विच्छेदगत सङ्घगत पत्राचार र विच्छेद

Date: 20/2/99 Venue: विद्यालय, सिपाई - 91 Ward No. 91

[illegible]

Suggestions/Recommendations:

1. याज्ञ वारेमा कुनै पनि अवस्था बाधा नहुने गरी नै काम गुणवत्तायित्व दिने जाई। अनुभवको।
- * बाह्य प्रभाव भरी गर्ने गर्दा कुनै पनि व्यापारीहरू असर नपाई कार्य सम्पन्न होस्।

1.  2.  3. 

ESTIA and ESMP of फूलचक देहात पि जी चक सऊद वीरगोत सिद्धाजीरी Road

Date: 2020-8-6 Venue: फूल चक टोल विकास संस्थान Ward No. 99

Attendees		Organization/Title	Contact no.	Signature
SN	Name			
1	तामरा प्रधान - महिला	कुलवीर, रंगनाथ	980606808	
2	हरी नारायण चौधरी	" "	552202020	
3	महेश चौधरी	" "	554528169	
4	सिमा चौधरी	" "	9220269	2020
5	जिजा देवी प्रधान	" "	952202020	
6	रमण कान्छा कान्छा	" "	980908080	अमल
7	देवी देवी	" "	959595959	
8	नीलमणि प्रधान	" "	952020309	
9	राधिका चौधरी	" "		अमल
10	सुरज देवी चौधरी	" "		अमल
11	हरी देवी	" "		अमल

[illegible]

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Gaighat, Udayapur

ESIA and ESMP of प्रसारित रोड (बेलाटार अगाडी) भन्ने नयाँ छुट्टे सार्किला जाने Road

Attendance Sheet of FGD

Date: २०७०-४-२३ Venue: सार्किला रोड पार्क सभामा Ward No. ११

SN	Name	Organization/Title	Contact no.	Signature
१	सार्किला	सार्किला	९८४३८३३६	
२	सार्किला	सार्किला	९८४३८३३६	
३	सार्किला	सार्किला	९८४३८३३६	
४	सार्किला	सार्किला	९८४३८३३६	
५	सार्किला	सार्किला	९८४३८३३६	
६	सार्किला	सार्किला	९८४३८३३६	
७	सार्किला	सार्किला	९८४३८३३६	
८	सार्किला	सार्किला	९८४३८३३६	
९	सार्किला	सार्किला	९८४३८३३६	
१०	सार्किला	सार्किला	९८४३८३३६	

Suggestions/Recommendations:

गोरे, सार्किला दिने व सार्किला गर्ने हुनेछिन्
होमो रोड मा गोरे व-या गुणस्तरिय कोले
लान्छ होमो रोड को प्रोजेक्ट जहाँ महिला
हम को निम्ती केही विषय मुलुक गली
हम, सार्किला जहाँ हुनु भन्नेमा
हामी सार्किला रोड जाने महिला
हम लागी अती उत्तम हुने थियो
(सार्किला) (सार्किला)

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Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Gaighat, Udayapur

ESIA and ESMP of प्रसारित रोड (बेलाटार अगाडी) भन्ने नयाँ छुट्टे सार्किला जाने Road

Attendance Sheet

Date: २०७०/५/२५ Venue: त्रियुगा न.पा.को.सभामा Ward No. ११

Name: सार्किला प्रसारित
Organization/Occupation: नगर प्रमुख त्रियुगा न.पा.को.सभामा
Comments/Suggestions:

- योडो भन्ने योडो गुणस्तरिय सार्किला गर्ने।
- त्रियुगा न.पा.को.सभामा सार्किला गर्ने सार्किला गर्ने
त्रियुगा न.पा.को.सभामा सार्किला गर्ने सार्किला गर्ने
हुने। सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
- योडो भन्ने योडो सार्किला गर्ने सार्किला गर्ने
सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
- कठोरपि सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
- सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने
सार्किला गर्ने सार्किला गर्ने सार्किला गर्ने

Signature:

सार्किला प्रसारित
नगर प्रमुख त्रियुगा न.पा.

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Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Gaighat, Udayapur

ESIA and ESMP of गाईसात ताउत दगादिउ, सेमसिम, गाईसात ताउत दगादिउ Road

Attendance Sheet

Date: २०७१/१२/२४ Venue: त्रियुगा तडा गाउँपालिका Ward No. ११
Name: सुमन कोइराला
Organization/Occupation: वडा अध्यक्ष त्रियुगा गाउँपालिका
Comments/Suggestions:

थर कसमाथि गर्नु विषयको जुन लगानीमा हुने बुझ्न कसको
मा अकाल गराउदा जुन डकुमेन्ट चिया कोम दिनो दिन
हिला भएको कारण थर गराउने र कडा कसीमा गराउने
ता कारणे छ। अब चाडो भन्दा चाडो ३-४ वटा
एयाडेममा रेडर निकाली भौ डासलाई चिक्का दिन
हुन थपमा, लक्कन लक्कन रिमलाई भर्दा
सार्थ सुझाव दिन चाहिन्छ।



Signature:

वडा अध्यक्ष
त्रियुगा ११

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Gaighat, Udayapur

ESIA and ESMP of गाईसात ताउत दगादिउ, सेमसिम, गाईसात ताउत दगादिउ Road
फुलराउ दगादिउ सेमसिम गाईसात ताउत दगादिउ
Attendance Sheet

Date: २०७१/१२/२४ Venue: त्रियुगा तडा गाउँपालिका Ward No. १२
Name: वडा अध्यक्ष
Organization/Occupation: वडा अध्यक्ष त्रियुगा १२

Comments/Suggestions:

म रामकली वि.क. वडा नं. १२ को दलित महिला सदस्य हुँ।
जसमा म. पा. वडा नं. १२ को दलित महिला सदस्य भएकी छु।
कोरोनाको प्रभावमा परेको छ र यसले गर्दा मानविकी
विषयमा जाने पढाउने परेको छ। यसले गर्दा मानविकी
मा पहुँच आर्थिक पहुँच आधुनिकीमा दिन दिने उपाला कसरी
जारी गर्नेछिन् चलाउन पनि कठिन छ। महिलाहरूको हक
मा पनि केही गर्नुपर्ने छ र आर्थिक उपायको अभावमा कसरी
भर गर्ने कठिनले गर्दा होस्, भएतापनि एउटा कदमको
अवस्था र तल्लो महिलालाई पनि राम्रो पढ्ने र पढाउने
बराबरी गराउने, उनीहरूको लागि आर्थिक लाभ गर्ने र राम्रो विप्लव
तालिम, महिलाहरूलाई तल्लो सम्बन्धित तालिम, महिलाहरूको
करण वा विषयमा केही तालिम, सहचालन गर्ने पाएमा ठूलो लाभ
लगाउन उपाला गर्ने सक्ने छ भन्ने आशयले यो पेश गर्न चाहिन्छ
बाध्य कही पढ्न भन्ने दलित महिला शिक्षाको लागि आर्थिक
को आधारमा विप्लव र हक सिले गर्ने कही एउटा आर्थिकमा पाए
पढ्नलाई पढाउने आधारमा अवलोकन, राजगारीमा पढाउने
कही दलित महिलाहरूलाई पढ्न हुने गरी कुरा र एउटा सम्बन्ध
हुने विवेक गर्ने चाहिन्छ।

Signature:

वडा अध्यक्ष त्रियुगा १२
वडा अध्यक्ष त्रियुगा १२


Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Galsani, Udayapur

ESIA and ESMP of गोर्खा राज पालिङ (वडा नं: ११) अगाडी की गरी Road

Attendance Sheet of FGD

Date: २०८०/०६/०२ Venue: महिला समुह Ward No. १०

SN	Name	Organization/Title	Contact no.	Signature
१	कल्पना राय		९८०५६९२९	
२	विना राय			
३	तुषारा गिरी			
४	श्यामा राय		९८१६१९०४५	
५	मानुषा राय		९८०९६०९६२	
६	पद्म देवी राय			
७	कविता राय			
८	सुनिता राय			
९	सुनीता राय		९८१६६०५४	
१०	शुभिला राय		९८२१६९३३२	

Suggestions/Recommendations:

पस रमाइला अगाडी विमर्शना स्थल। अगाडी समुह हागे सदस्य
पुर्ण रूपमा समर्पण गर्दै दिवा हरिता मार्ग सुचारु गरी
दिन हुन बाटो अगाडी सदस्यहरूको शर्तहरू। एकर दलको
दिवा मार्ग गरी हागेलाइ सदस्यहरूको हितबुल गर्न
समूह अगाडी हुन पागे अगाडी गर्दै।
स्थल अगाडी समुह
दिन: १० रमाइला अगाडी

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Galsani, Udayapur

ESIA and ESMP of गोर्खा राज पालिङ (वडा नं: ११) अगाडी की गरी Road

Attendance Sheet of FGD

Date: २०८०/०६/११ Venue: जीविता विमर्श स्थल Ward No. ११

SN	Name	Organization/Title	Contact no.	Signature
१	रमेश दाहाल		९८५२३७६०११	
२	रमेश दाहाल		९८६२९५९५५	
३	विना राय		९८६३०९२५२२	
४	अविना राय		९८६३३३९७६	
५	विना राय		९८६३३३३०५५	
६	विना राय		९८५१५५२५३	
७	विना राय			
८	विना राय			
९	विना राय			
१०	विना राय			

Suggestions/Recommendations:

- १) बाटोमा कुनै विवाद नभएकोले बाटोको निर्माण कार्य
समयम समयम हुनु पर्छ।
- २) बाटो निर्माण गुणस्तर फुट्ने हुनु पर्छ।
- ३) बाटो निर्माणमा गुणस्तर सामानको प्रयोग हुनु पर्छ।
- ४) बाटो फिटो नाली बसफा छिन्नाप सही
सफा हुनु पर्छ।
- ५) गुणस्तर सामानको प्रयोग गरिनुपर्छ।

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Galsat, Udayapur

ESIA and ESMP of सिद्धिदा देवि सिमसार गाउँपालिका क्षेत्र Road

Attendance Sheet of FGD

Date: 2020-08-06 Venue: सिद्धिदा देवि सिमसार गाउँपालिका Ward No: 99

SN	Name	Organization/Title	Contact no.	Signature
1	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
2	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
3	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
4	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
5	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
6	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
7	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
8	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
9	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
10	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
11	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	

Suggestions/Recommendations:

1. बाटो भन्दा माथि सुन्दर दिनेगरी बाटो बनाउनु पर्ने।
2. बाटो लामो भएकै कारण झुकाउ हुनुपर्ने।
3. बाटोमा बाटोमा हुनुपर्ने।
4. बाटोमा बाटोमा हुनुपर्ने।
5. बाटोमा बाटोमा हुनुपर्ने।
6. बाटोमा बाटोमा हुनुपर्ने।
7. बाटोमा बाटोमा हुनुपर्ने।
8. बाटोमा बाटोमा हुनुपर्ने।
9. बाटोमा बाटोमा हुनुपर्ने।
10. बाटोमा बाटोमा हुनुपर्ने।
11. बाटोमा बाटोमा हुनुपर्ने।

Stakeholder Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
Triyuga Municipality
Galsat, Udayapur

ESIA and ESMP of सिद्धिदा देवि सिमसार गाउँपालिका क्षेत्र Road

Attendance Sheet of FGD

Date: 2020-08-09 Venue: सिद्धिदा देवि सिमसार गाउँपालिका Ward No: 99

SN	Name	Organization/Title	Contact no.	Signature
1	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
2	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
3	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
4	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
5	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
6	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
7	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
8	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
9	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
10	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	
11	सुन्दर कुमार खत्री	सिद्धिदा देवि सिमसार गाउँपालिका	9782121111	

Suggestions/Recommendations:

1. काम पारी सम्पन्न भएकै कारण हुनु बाटोमा बाटोमा हुनुपर्ने।
2. बाटोमा बाटोमा हुनुपर्ने।
3. बाटोमा बाटोमा हुनुपर्ने।
4. बाटोमा बाटोमा हुनुपर्ने।
5. बाटोमा बाटोमा हुनुपर्ने।
6. बाटोमा बाटोमा हुनुपर्ने।
7. बाटोमा बाटोमा हुनुपर्ने।
8. बाटोमा बाटोमा हुनुपर्ने।
9. बाटोमा बाटोमा हुनुपर्ने।
10. बाटोमा बाटोमा हुनुपर्ने।
11. बाटोमा बाटोमा हुनुपर्ने।

Municipal documents related to GBV cases

१. हिंसाको प्रकृति विवरण : २०७७-७८



क.स	हिंसाको प्रकार	जम्मा संख्या	कैफियत
➤	घरेलू हिंसा	३०	
१	शारीरिक	१३	
२	बहुविवाहा	३	
३	गालीगलौज	४	
४	मानसिक यातना	२	
५	चारीत्रिक आरोप	६	
६	स्रोत सुविधाबाट वन्चितीकरण	२	
➤	सामाजिक हिंसा	१६	
१	कुटुपिट	१	
२	गालीगलौज		
३	बोक्सको आरोप		
४	जबरजस्ती विवाहा		
५	बाल विवाहा	१५	
➤	यौन हिंसा	३२	
१	बलात्कार	२१	
२	बलात्कारको प्रयास	२	
३	सामुहिक बलात्कार		
४	सामुहिक बलात्कारको प्रयास		
५	हाडनाता करणी		
६	यौन दुर्यवहार	४	
७	अलपत्र	२	
८	गर्भवती भई अलपत्र	३	
९	मानव बेचबिखन		
१०	आत्मा हत्या		
	जम्मा	७८	



१. हिंसाको प्रकृति विवरण : २०७८-७९

क.स	हिंसाको प्रकार	जम्मा संख्या	कैफीयत
➤	घरेलु हिंसा	२९	
१	शारीरिक	२९	
२	बहुविवाहा	६	
३	गालीगलौज	७	
४	मानाशिक यातना	६	
५	चारीत्रिक आरोप	२	
६	स्रोत सुविधाबाट बन्चितीकरण	४	
➤	सामाजिक हिंसा	६	
१	कुटुपिट		
२	गालीगलौज	१	
३	बोक्सको आरोप	०	
४	जबरजस्ती विवाहा	०	
५	चाल विवाहा	७	
➤	यौन हिंसा	११	
१	बलात्कार	७	
२	बलात्कारको प्रयास	४	
३	सामुहिक बलात्कार		
४	सामुहिक बलात्कारको प्रयास		
५	हाडनाता करणी		
६	यौन दुर्व्यवहार		
७	हत्या		
८	हत्याको प्रयास		
९	मानव बेचबिखन		
१०	अन्य, अलपत्र	११	
	जम्मा	६६ जना	

F/Y 2079186

त्रियुगा नगरपालिका
नगर कार्यपालिकाको कार्यालय
महानगर, धनकुटा, कैलाली
सुदूरपश्चिम प्रदेश, नेपाल
२०७१

१. हिंसाको प्रकृति विवरण

क्र.स	हिंसाको प्रकार	जम्मा संख्या	कैफीयत
➤	घरेलु हिंसा	६८	
१	शारीरिक	२५	
२	बहुविवाहा	५	
३	गालीगलौज	२०	
४	मानसिक यातना	१३	
५	चारीत्रिक आरोप	३	
६	स्रोत सुविधाबाट बन्चितीकरण	२	
➤	सामाजिक हिंसा	५	
१	कुटपिट	०	
२	गालीगलौज	०	
३	बोक्सको आरोप	०	
४	जबरजस्ती विवाहा	०	
५	बाल विवाहा	५	
➤	यौन हिंसा	१५	
१	बलात्कार	१३	
२	बलात्कारको प्रयास	२	
३	सामुहिक बलात्कार		
४	सामुहिक बलात्कारको प्रयास		
५	हाडनाता करणी		
६	यौन दुर्व्यवहार		
७	हत्या		
८	हत्याको प्रयास		
९	मानव बेचबिखनको प्रयास	१	
१०	अन्य,अलपत्र	५	
	जम्मा	९४ जना	

नोट सुरक्षावासभित्र बसेर सेवा लिने संख्या ९४ र बाहिरबाट मनोविमर्श सेवा,कानुनी सहयोग,कानुनी परामर्श,पारिवारी परामर्श जस्ता लगाएको सेवालिनैहरुको संख्या गरी जम्मा ६५ जनाले सेवा पाएका छन् भने सुरक्षाआवासमा सेवाग्राहि संग आएको आश्रित बालबालिकाको संख्या ३० जना गरी यस वर्ष १२४ जनालाई सुरक्षावासभित्र सेवा प्रदान गरीएको छ ।

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Letter from NEA for pole relocation

 **नेपाल विद्युत प्राधिकरण**
(नेपाल सरकारको स्वाभिमन)
वितरण तथा ग्राहक सेवा निर्देशनालय
कोशी प्रदेश प्रादेशिक कार्यालय धिराटनगर
उदयपुर वितरण केन्द्र
गाईघाट

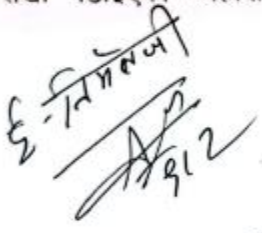
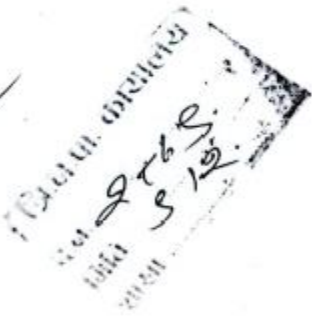
■ कार्यालय प्रमुख ०३१-४२२६२९
■ प्रशासन ०३१-४२२६४९

प.सं.: २०८०/०८१ च.नं.: १६६ मिति : २०८०/०९/०२

श्री त्रियुगा नगरपालिका
त्रि.न.पा.११, गाईघाट

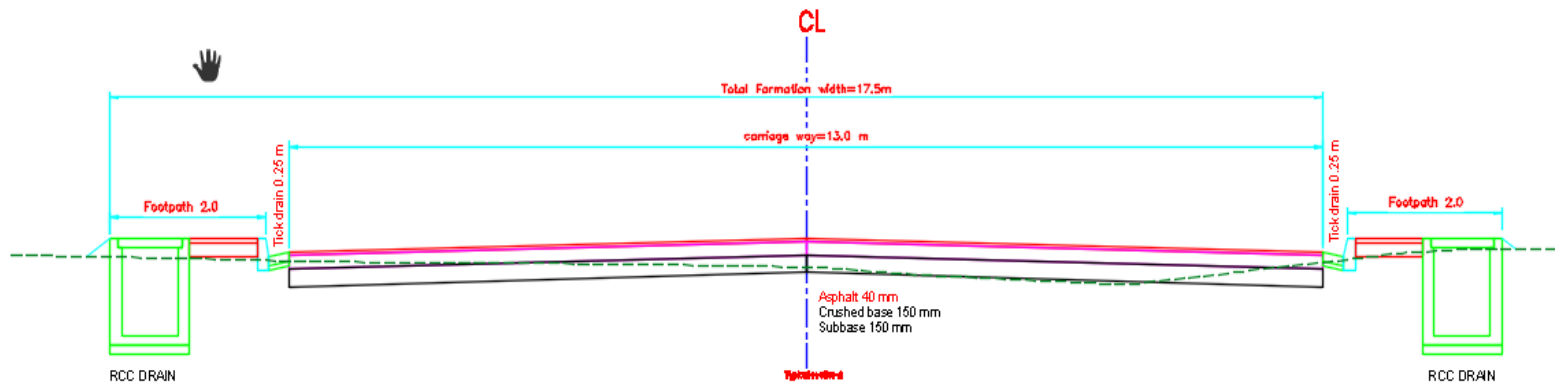
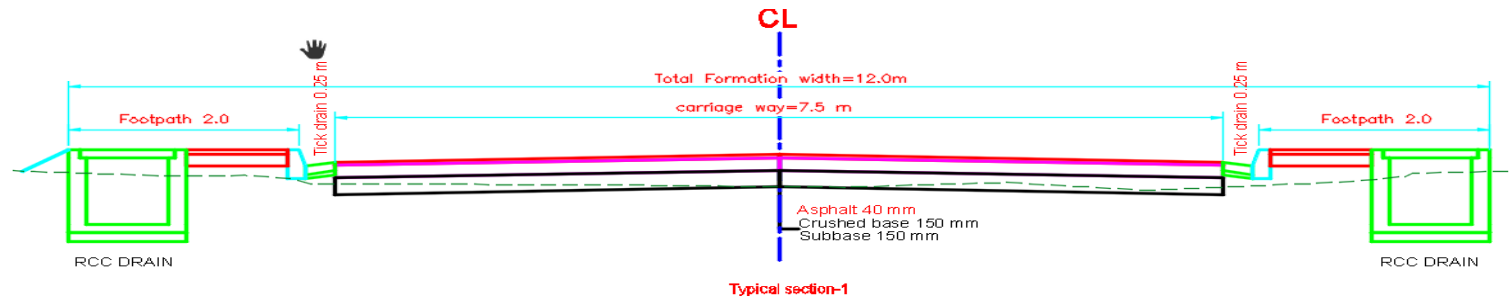
विषय: लागत ईस्टिमेट पठाइएको बारे ।

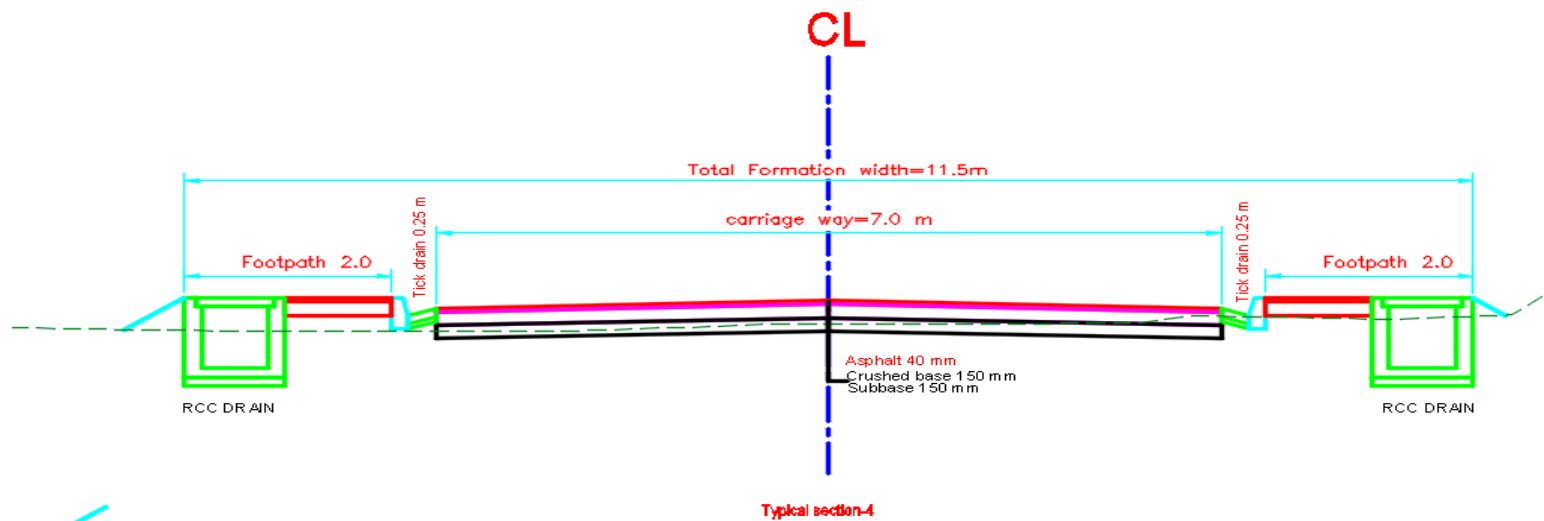
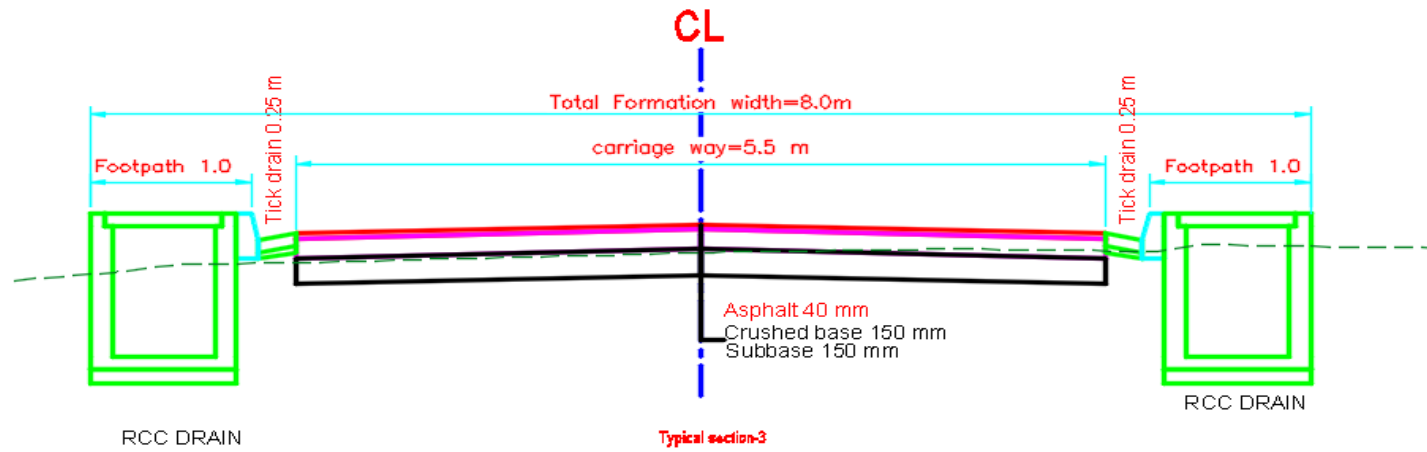
उपरोक्त सम्बन्धमा तह्रा कार्यालयबाट प.स. २०८०/०८१ को च.न. २५८ को पत्रअनुसार NUGIP कार्यक्रम अन्तर्गत तथा कार्यालय बाट छनोट भएका वडा न.१०,११ र १२ का विभिन्न सडकको किनारामा हाल संचालनमा रहेका विधुतिय संरचनाहरूलाई वन्न लागेका नयाँ सडकको दाया बाया किनारामा रहने गरी नयाँ विधुतिय संरचनाको लागि लागत ईस्टिमेट गरी यसै पत्र साथ संलग्न राखी पठाइएको व्यहोरा पत्रसाथ अनुरोध छ ।

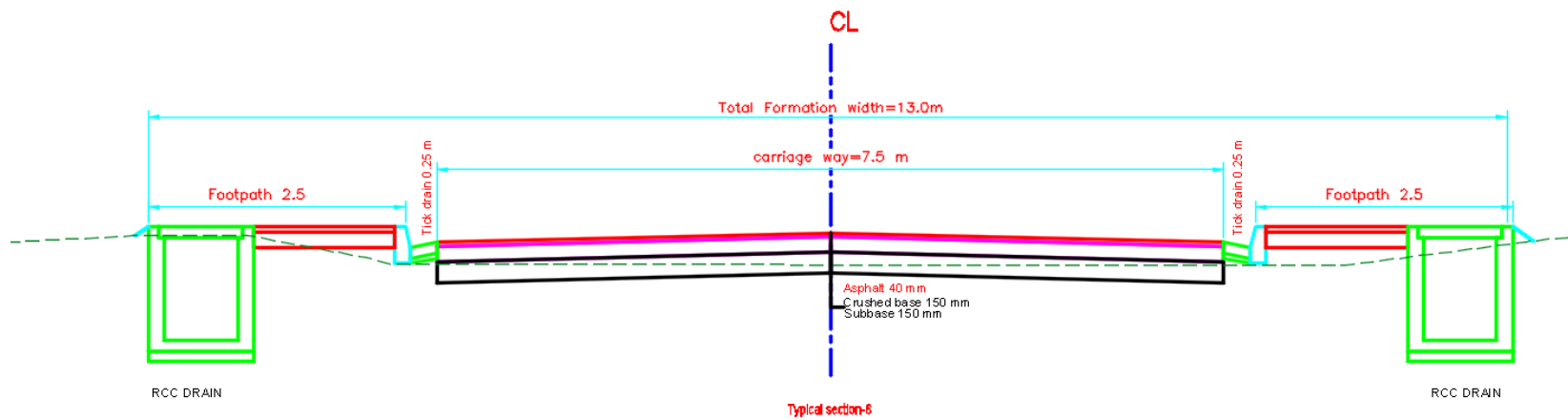
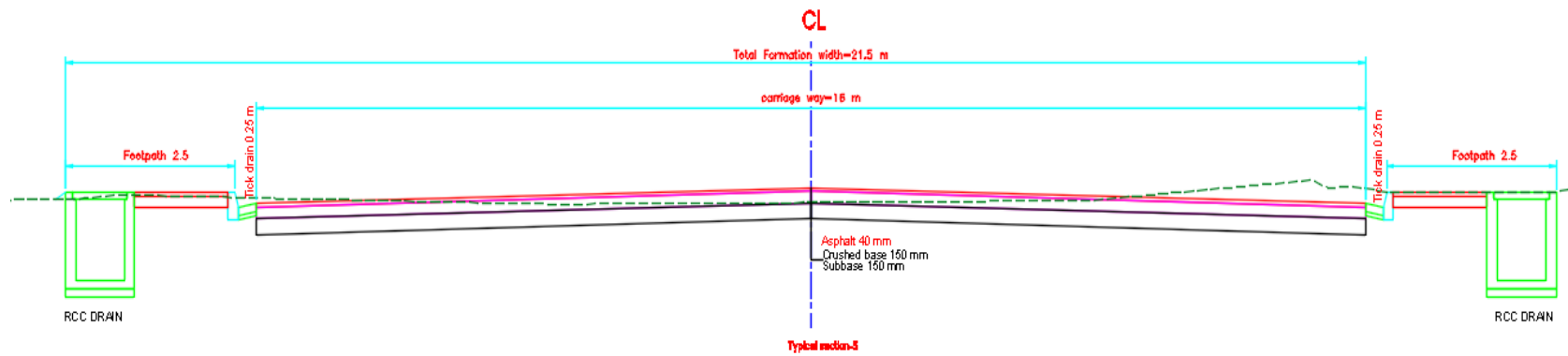




इ. विजय बाबु खत्री
केन्द्र प्रमुख
केन्द्र प्रमुख

Annex III: Proposed Typical Cross Sections







Annex IV: GoN Permissible Environmental limits/standards

(A) National Drinking Water Quality Standard, 2079 BS

A-1: Mandatory Parameters to be tested

SN	Parameters	Unit	Limits	Remarks
	Physical			
1	Turbidity	NTU	5	
2	pH		6.5 - 8.5	
3	Colour	TCU	5	
4	Taste & odour		Unobjectionable	
5	Electrical Conductivity	μS/cm	1500	
	Chemical			
6	Iron	mg/L	0.3 (3)	
7	Manganese	mg/L	0.20	
8	Arsenic	mg/L	0.05	
9	Fluoride	mg/L	0.50 - 1.50 (Min. - Max.)	
10	Ammonia	mg/L	1.50	
11	Chloride	mg/L	250	
12	Sulphate	mg/L	250	
13	Nitrate	mg/L	50	
14	Copper	mg/L	1	
15	Zinc	mg/L	3	
16	Aluminum	mg/L	0.20	
17	Total Hardness	mg/L	500	
18	Residual Chlorine	mg/L	0.10 - 0.50 (Min. - Max.)	
	Microbiological			
19	E-Coli	(CFU/10 ml)	0	

A-2: Additional Parameters to be tested based on Risk and Requirement

SN	Parameters	Unit	Limits	Remarks
	Physical			
1	Total Dissolved Solids	mg/L	1000	
	Chemical			
2	Calcium	mg/L	200	
3	Lead	mg/L	0.01	
4	Cadmium	mg/L	0.003	
5	Chromium	mg/L	0.05	
6	Cyanide	mg/L	0.07	
7	Mercury	mg/L	0.001	
8	Nitrites	mg/L	3	
	Microbiological			
1	Total Coliform	(CFU/10 ml)	0 (In 95% samples)	

(B) National Ambient Air Quality Standard, 2069 BS

Parameters	Units	Averaging Time	Concentration in Ambient Air, Maximum
TSP	$\mu\text{g}/\text{m}^3$	24 - hours	230
PM ₁₀	$\mu\text{g}/\text{m}^3$	24 - hours	120
PM _{2.5}	$\mu\text{g}/\text{m}^3$	24 - hours	40
Sulfur Dioxide	$\mu\text{g}/\text{m}^3$	Annual	50
		24-hours	70
Nitrogen Dioxide	$\mu\text{g}/\text{m}^3$	Annual	40
		24-hours	80
Carbon Monoxide	$\mu\text{g}/\text{m}^3$	8hours	10000
Lead	$\mu\text{g}/\text{m}^3$	Annual	0.5
Benzene	$\mu\text{g}/\text{m}^3$	Annual	5
Ozone	$\mu\text{g}/\text{m}^3$	8-hours	157

Ref.: Section 62, Number 19, Nepal Gazette, Part 5, 2069/04/29, Notice 2

(C) National Sound Pressure Level, 2069

Microenvironment	Sound Pressure Level, L _{eq} dB(A)	
	Daytime	Nighttime
Industrial Area	75	70
Commercial Area	65	55
Rural Settlement Area	45	40
Urban Settlement Area	55	50
Mixed Settlement Area	63	55
Pristine Area	50	40

Ref.: Section 62, Number 30, Nepal Gazette Part 5, 2069/7/13

(D) Diesel Powered Generator Emission Limits (g/kWh), 2069

Category, (kW)	CO	HC	NO _x	PM
kW < 8	8	1.3	9.2	1
8 = kW < 19	6.6	1.3	9.2	0.85
19 = kW < 37	6.5	1.3	9.2	0.85
37 = kW < 75	6.5	1.3	9.2	0.85
75 = kW < 130	5	1.3	9.2	0.7
130 = kW < 560	5	1.3	9.2	0.54

Ref.: Section 62, Number 30, Nepal Gazette Part 5, 2069/7/13

The minimum height of the chimney should be maintained not less than 11m for the industrial boiler utilizing solid or liquid fuel.

Annex V: Air, Noise, Water Quality Test Reports



**ENVIRONMENT MANAGEMENT
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY

Report Number	26A/080-81		
Sample Number	17A/080/81		
Client	Bosphorous Technical Consulting Corp (BOTEK), GOEC Nepal P. Ltd		
Sampling location	Triyuga Municipality Ward No. 11, Gaighat townplanning area Road Section (1.5Km)		GPS point: 26°47'30.40"N 86°41'57.31"E
Project	Upgrading of different inter connected Road Sections(10.59Km), Gaighat townplanning area Road Section (1.5Km), City hall'simaltar Gaighat Diktel road section (2.88 Km), Babarani DM Gate Road Section (0.65Km), Fulchowk PG Chowk Road Botetole Triyuga Corridor section (0.86Km), City Hall Ramchandra Basnet house Road Section (0.28Km), Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting, Road Section (2.25Km), Pragati tole kha (Quarter front) ko road to sakela road ward 11, 13 (2.17Km)		
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu		
Sampling Date	07 - 08 September 2023		
Report Date	20 September, 2023		
Instrument used	Respirable Dust Sampler (GTI 151) and Combined Sampler (GTI 241)		
Result			
Parameter	NAAQS *	Observed Values	Method
TSP ($\mu\text{g}/\text{m}^3$)	230.0	164.5	IS 5182 (Part 14)-2000 (reaffirmed 2005)
PM ₁₀ ($\mu\text{g}/\text{m}^3$)	120.0	77.3	IS 5182 (Part -23):2006
PM _{2.5} ($\mu\text{g}/\text{m}^3$)	40.0	32.0	IS 5182: Part 24: 2019
SO ₂ ($\mu\text{g}/\text{m}^3$)	70.0	8.8	IS 5182 (Part 2)-2006
NO ₂ ($\mu\text{g}/\text{m}^3$)	80.0	8.3	IS 5182 (Part 6)-2006
CO ($\mu\text{g}/\text{m}^3$)	10000.0	<230.0	IS 5182 (Part - 10):2006

* - National Ambient Air Quality Standard, 2069, ** - National Ambient Air Quality Standard for TSP for Crusher Industry, IS Indian Standard

Remarks: The observed values are within the prescribed limit of NAAQS.

Sampled by

Checked by

Authorized by

**Environment Management
&
Analysis Services P. Ltd**



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ANALYSIS REPORT FOR AMBIENT AIR QUALITY

Report Number	27A/080-81		
Sample Number	17A/080/81		
Client	Bosphorous Technical Consulting Corp (BOTEK), GOEC Nepal P. Ltd		
Sampling location	Triyuga Municipality Ward No. 11, City hall simaltar Gaighat Diktel road section (2.88 Km)	GPS Point: 26°48'11.59"N 86°42'20.16"E	
Project	Upgrading of different inter connected Road Sections(10.59Km), Gaighat townplanning area Road Section (1.5Km), City hall simaltar Gaighat Diktel road section (2.88 Km), Babarani DM Gate Road Section (0.65Km), Fulchowk PG Chowk Road Botetole Triyuga Corridor section (0.86Km), City Hall Ramchandra Basnet house Road Section (0.28Km), Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting, Road Section (2.25Km), Pragati tole kha (Quarter front) ko road to sakela road ward 11, 13 (2.17Km)		
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu		
Sampling Date	07 - 08 September 2023		
Report Date	20 September, 2023		
Instrument used	Respirable Dust Sampler (GTI 151) and Combined Sampler (GTI 241)		
Result			
Parameter	NAAQS *	Observed Values	Method
TSP ($\mu\text{g}/\text{m}^3$)	230.0	131.4	IS 5182 (Part 14)-2000 (reaffirmed 2005)
PM ₁₀ ($\mu\text{g}/\text{m}^3$)	120.0	58.4	IS 5182 (Part -23):2006
PM _{2.5} ($\mu\text{g}/\text{m}^3$)	40.0	14.1	IS 5182: Part 24: 2019
SO ₂ ($\mu\text{g}/\text{m}^3$)	70.0	6.3	IS 5182 (Part 2)-2006
NO ₂ ($\mu\text{g}/\text{m}^3$)	80.0	8.9	IS 5182 (Part 6)-2006
CO ($\mu\text{g}/\text{m}^3$)	10000.0	<230.0	IS 5182 (Part - 10):2006

* - National Ambient Air Quality Standard, 2069, ** -National Ambient Air Quality Standard for TSP for Crusher Industry, IS Indian Standard

Remarks: The observed values are within the prescribed limit of NAAQS.

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ANALYSIS REPORT FOR AMBIENT NOISE LEVEL

Report Number	29N/080-81	Sample Number	18-N/080/81								
Sampling Date	07 - 08 September 2023										
Client	Bosphorous Technical Consulting Corp (BOTEK), GOEC Nepal P. Ltd										
Sampling location	Triyuga Municipality Ward No. 11, Gaighat townplanning area Road Section (1.5Km)	GPS point: 26°47'30.40"N 86°41'57.31"E									
Project	Upgrading of different inter connected Road Sections(10.59Km), Gaighat townplanning area Road Section (1.5Km), City hall simaltar Gaighat Diktel road section (2.88 Km), Babarani DM Gate Road Section (0.65Km), Fulchowk PG Chowk Road Botetole Triyuga Corridor section (0.86Km), City Hall Ramchandra Basnet house Road Section (0.28Km), Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting, Road Section (2.25Km), Pragati tole kha (Quarter front) ko road to sakela road ward 11, 13 (2.17Km)										
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu										
Report Date	20 September, 2023										
Instrument used	LUTRON SL - 4033SD										
Test method	Noise Measurement Protocol (Central Pollution Control Board, India)										
Hours	Time	Noise Level (dBA)			Hours	Time	Noise Level (dBA)				
		Lmax	Lmin	Leq			Lmax	Lmin	Leq		
06:00 - 07:00	Day	71.3	46.4	51.0	18:00 - 19:00	Night	69.1	44.1	49.1		
07:00 - 08:00		80.3	49.4	56.6	19:00 - 20:00		74.4	49.9	48.5		
08:00 - 09:00		77.1	55.6	54.6	20:00 - 21:00		67.2	43.1	48.4		
09:00 - 10:00		75.8	53.2	52.9	21:00 - 22:00		57.9	41.8	44.6		
10:00 - 11:00		83.0	51.4	61.9	22:00 - 23:00		55.5	43.0	47.6		
11:00 - 12:00		85.3	54.6	50.4	23:00 - 00:00		59.2	39.3	44.9		
12:00 - 13:00		78.3	49.5	52.9	00:00 - 01:00		60.7	38.9	44.2		
13:00 - 14:00		82.7	48.3	63.3	01:00 - 02:00		61.3	41.5	47.9		
14:00 - 15:00		87.4	46.6	51.8	02:00 - 03:00		62.9	42.5	47.9		
15:00 - 16:00		89.0	46.6	49.8	03:00 - 04:00		61.3	46.7	49.6		
16:00 - 17:00		81.9	47.1	54.2	04:00 - 05:00		64.3	44.5	50.3		
17:00 - 18:00		77.7	48.3	41.0	05:00 - 06:00		59.2	45.6	50.1		
Leq average (Day)				54.2	Leq average (Night)				47.8		
Permissible limit *				65.0	Permissible limit				55.0		

dBA - A-weighted decibels, Lmax : Maximum Sound Level, Lmin: Minimum Sound Level

Remarks: The equivalent noise level during the day and night hours comply with the permissible limit in reference to noise level standard 2069, under category of commercial area.

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ANALYSIS REPORT FOR AMBIENT NOISE LEVEL

Report Number	30/N/080-81	Sample Number	18-N/080/81						
Sampling Date	07 - 08 September 2023								
Client	Bosphorous Technical Consulting Corp (BOTEC), GOEC Nepal P. Ltd								
Sampling location	Triyuga Municipality Ward No. 11, City hall simaltar Gaighat Diktel road section (2.88 Km)	GPS Point: 26°48'11.59"N 86°42'20.16"E							
Project	Upgrading of different inter connected Road Sections(10.59Km), Gaighat townplanning area Road Section (1.5Km), City hall simaltar Gaighat Diktel road section (2.88 Km), Babarani DM Gate Road Section (0.65Km), Fulchowk PG Chowk Road Botetole Triyuga Corridor section (0.86Km), City Hall Ramchandra Basnet house Road Section (0.28Km), Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to karamgachhi diktel connecting, Road Section (2.25Km), Pragati tole kha (Quarter front) ko road to sakela.road ward 11, 13 (2.17Km)								
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu								
Report Date	20 September, 2023								
Instrument used	LUTRON SL - 4033SD								
Test method	Noise Measurement Protocol (Central Pollution Control Board, India)								
Hours	Time	Noise Level (dBA)			Hours	Time	Noise Level (dBA)		
		Lmax	Lmin	Leq			Lmax	Lmin	Leq
06:00 - 07:00	Day	65.2	48.7	52.2	18:00 - 19:00	Night	61.3	46.2	48.6
07:00 - 08:00		60.8	49.1	51.5	19:00 - 20:00		66.3	47.3	49.4
08:00 - 09:00		66.8	53.1	54.2	20:00 - 21:00		57.2	42.5	48.1
09:00 - 10:00		71.9	52.8	53.7	21:00 - 22:00		55.0	39.1	51.5
10:00 - 11:00		69.8	49.7	52.4	22:00 - 23:00		61.2	37.3	47.7
11:00 - 12:00		65.2	50.7	54.3	23:00 - 00:00		63.2	36.1	47.1
12:00 - 13:00		67.2	51.5	56.2	00:00 - 01:00		59.5	37.2	48.4
13:00 - 14:00		65.0	51.7	55.4	01:00 - 02:00		64.6	42.4	46.6
14:00 - 15:00		63.2	50.3	52.7	02:00 - 03:00		59.4	44.5	49.8
15:00 - 16:00		66.2	49.1	53.2	03:00 - 04:00		62.4	47.3	49.4
16:00 - 17:00		63.5	47.2	50.5	04:00 - 05:00		71.9	46.7	48.6
17:00 - 18:00		71.9	48.7	51.4	05:00 - 06:00		63.2	49.7	51.8
Leq average (Day)				53.1	Leq average (Night)				48.9
Permissible limit *				65.0	Permissible limit				55.0

dBA - A-weighted decibels, Lmax : Maximum Sound Level, Lmin: Minimum Sound Level

Remarks: The equivalent noise level during the day and night hours comply with the permissible limit in reference to noise level standard 2069, under category of commercial area.

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Authorized by

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Water Analysis Report

Client: Bosphorous Technical Consulting Corp (BOTTEK), GOEC Nepal P. Ltd
Sample Location: Triyuga Municipality Ward No. 11, City hall simaltar
Gaighat Diktel road section (2.88 Km)

GPS Point: 26°48'11.18"N 86°42'20.53"E

Report No: 32/W/080-81

Report Date: 20 September, 2023

Sampled by: EMAS P. Ltd.

Project: Upgrading of different inter connected Road Sections(10.59Km),
Gaighat townplanning area Road Section (1.5Km), City hall simaltar
Gaighat Diktel road section (2.88 Km), Babarani DM Gate Road Section
(0.65Km), Fulchowk PG Chowk Road Botetole Triyuga Corridor section
(0.86Km), City Hall Ramchandra Basnet house Road Section (0.28Km),
Gaighat Shivalay tole-Adarsha tole-ramailo danda manmohan school to
karamgachhi diktel connecting, Road Section (2.25Km), Pragati tole kha
(Quarter front) ko road to sakela road ward 11, 13 (2.17Km)

Sample Sources: Hand Pump

Owner: Bidur Katwal

Year of installation: 2006

Depth of hand pump: 18 feet

Sampling Date: 08 September, 2023

Received Date: 09 September, 2023

Analysis Period: 09 - 12 Sept, 2023

Parameters	Unit	NDWQS	Observed Values	Test Methods
pH	-	6.5 - 8.5	7.2	4500-H ⁺ B, APHA, 22nd EDITION
Colour	-	5 (15)	<0.1	2120 B, APHA, 22 nd EDITION
Turbidity	NTU	5 (10)	2.5	2130 B, APHA, 22nd EDITION
Electrical Conductivity	µS/cm	1500	148.0	2510 B, APHA, 22nd EDITION
Temperature (Lab)	°C	-	24.0	2550 B., APHA, 22nd EDITION
Total Hardness	mg/l as CaCO ₃	500	68.0	2340 C, APHA, 22nd EDITION
Chloride	mg/l	250	3.2	4500-Cl ⁻ B, APHA, 22nd EDITION
Ammonia	mg/l	1.5	<0.02	4500-NH ₃ C., APHA, 17 th EDITION
Nitrate	mg/l as NO ₃	50	0.5	4500-NO ₃ - B., APHA, 22nd EDITION
Iron	mg/l	0.3 (3)	<0.01	3112 B., APHA, 22nd EDITION
Manganese	mg/l	0.2	<0.02	3112 B., APHA, 22nd EDITION
Arsenic	mg/l	0.05	<0.01	3114 C, APHA, 22nd EDITION
E.Coli	CFU/100 ml	Nil	Nil	9221 C., APHA, 22nd EDITION

NDWQS: National Drinking Water Quality Standard (2079), * - Values are upper and lower limit, (I) - Values are acceptable only when alternative is not available. **APHA:** American Public Health Association, N/A : Not Available

Remarks: Observed values of the parameters are within the NDWQS.

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Annex VI: List of Zebra Crossings

SN	Name of the Road	Chainage	Nos.	Remarks
1	TOWN Planning _1	0+015	1	
2		0+050.346	1	
3		0+085	1	
4		0+180.75	1	
5		0+264.5	1	
6		0+315.75	1	
7		0+543	1	
8		0+601.75	1	
9		0+820.25	1	
10		0+880	1	
11		1+000	1	
12		1+030.75	1	
13	TOWN Planning _2	0+867.373	1	
14		1+025.283	1	
15		0+471	1	
16		0+270	1	
17		0+221.25	1	
18	City hall Simaltar	0+025.25	1	
19		0+165	1	
20		0+236.25	1	
21		0+286.25	1	
22		0+260.399	1	
23		1+314.75	1	
24		1+270.25	1	
25		1+292.192	1	
26		0+925.25	1	
27		0+873.75	1	
28		0+481.25	1	
29		0+427.75	1	
30		1+784.5	1	
31		1+729.75	1	
32		2+109.75	1	
33		2+054.25	1	
34		2+649.75	1	
35		2+597.5	1	
36		2+854.25	1	
37		1+925	1	
38	Babarani DM Gate	0+617.75	1	
39		0+005.5	1	
40		0+157.75	1	
41		0+190.25	1	

SN	Name of the Road	Chainage	Nos.	Remarks
42		0+385.25	1	
43		0+421	1	
44	Fulchowk Triyuga Corridor	0+015.021	1	
45		0+384.782	1	
46		0+443.327	1	
47		0+850.951	1	
48	Pragati Tole_1	0+022.5	1	
49		0+141.5	1	
50		0+110.75	1	
51		0+279	1	
52		0+232	1	
53		0+766.5	1	
54	Pragati Tole_2	0+029.322	1	
55		0+131.917	1	
56		0+200	1	
57		0+593	1	
58		0+703.75	1	
59		0+994	1	
60		1+072.546	1	
61		1+280	1	
62		1+220	1	
63	Gaighat Shivalaya	0+040.331	1	
64		0+390.713	1	
65		0+702.502	1	
66		0+658.002	1	
67		0+890.752	1	
68		0+837.097	1	
69		1+206.752	1	
70		1+167.252	1	
71		1+587.502	1	
72		1+393.252	1	
Total			72	Nos.

Annex VII: Code of Conduct (CoC) on GBV

नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना

कार्य स्थलमा हुने यौनजन्य तथा महिला हिंसा सम्बन्धी आचार संहिता

व्याक्तिगत आचार संहिता

म, ... यो आचार संहिता पालना गर्नु मेरो दाहिब हो भनी स्वीकार गर्दछु । म कुनै पनि यौनजन्य तथा महिला हिंसा जस्ता कार्यमा संलग्न हुने छैन । परियोजना को काम को शिलसिलामा यो आचार संहिता पालना गर्न सहमत छु ।

१. म जातजाति धर्म, भाषा, लिङ्ग, उमेर, राजनीतिक वा सामाजिक हैसियत, भौगोलिकता, पदुच, वैवाहिक स्थिती वा अन्य कुनै पनि आधारमा भेदभाव नगरी सबैलाई सम्मानजनक र समान रुपमा व्यवहार गर्नेछु ।
२. सामाजिक सन्जालको प्रयोग गरी अश्लील शब्द, दुष्य सामग्री वा कार्यलय समय अघिपछि वार्तालाप मार्फत सहकर्म/कामदार लाई यौन दुर्व्याहार गर्ने छैन ।
३. कार्यस्थलमा सिट्टी बजाउने, चुम्बन गर्ने, व्याक्तिगत उपहार दिने आदि जस्ता कार्य गरी कर्मचारी, सहकर्म/कामदार लाई यौन दुर्व्याहार गर्ने छैन ।
४. कुनै पनि प्रलोभन/ धम्की देखाई (जस्तै पदोन्नती लोभ देखाएर, जागीर नदिने धम्की दिएर शोषण गरेर आदि) यौन दुर्व्याहार पक्षमा संलग्न हुने छैन
५. कार्य समयवाधि भित्र कुनैपनि मंदिराजन्य तथा लागुपदार्थको सेवन गर्ने छैन ।
६. परियोजना सरोकारवाला वा वरपरका समुदायका सदस्यहरूलाई कुनैपनि म लैङ्गिक हिंसा तथा यौनजन्य दुर्व्याहार गर्ने छैन ।
७. कुनै पनि कर्मचारी/श्रमिक विरुद्ध हिंसा गरिएको दोषी ठहरिएमा प्रचलित साधय, प्रादेशिक, स्थानीय सरकार वर्ल्ड बैंक को कानुन, निती नियम अनुसार सजाय/ दण्डित जरिवाना तिर्न तयार हुनेछु ।
८. कार्य गर्ने शिलसिलामा सम्मानजनक निर्देशनहरूको पालना गर्दछु (वातावरणीय + सामाजिक)
९. मेरो जिम्मेवारी कुशलता र लगनशीलता पुर्वक पुरा गर्नेछु ।

१०. सम्बन्धित कार्यलय / कम्पनीले सन्चालन गरेको विभीन्न प्राशिक्षण कार्यक्रममा सक्रिय रुपमा भाग लिनेछु ।
११. परियोजनाका प्रत्यक्ष लाभदायक सदस्य/ समुदायमा यौन दुर्व्याहार/शोषण गर्ने छैन ।
१२. विश्वासनीयता नैतिक उल्लघनको रिपोर्ट गरेमा कुनै कामदार विरुद्ध बदला लिने छैन ।
१३. कार्य स्थलमा लैङ्गिक सम्बेदनशिल भाषाको प्रयोग गर्दछु
१४. कार्यस्थलमा महिला हिंसा तथा यौनजन्य क्रियाकलाप लाई प्रोत्साहन गर्ने खालका गतिविधी गर्न दिने छैन ।
१५. कार्यस्थलमा महिला तथा यौन हिंसा गतिविधीहरूलाई प्रोत्साहन गर्ने छैन ।
१६. १८ वर्षभन्दा मुनिका बालिकाहरूमा कुनै डिजीटल मिडीया मार्फत वा कुनै माध्यमबाट /स्वीकृती लिई वा नलिई यौनजन्य क्रियाकलापमा सहभागी हुनेछैन, यदि नाबालिका स्वीकृती लिई यौनजन्य क्रियाकलापमा गरेमा क्षमा हुदैन ।
१७. परियोजना कार्यन्वयन को बेलामा यौनजन्य दुर्व्याहार / यौन शोषण भएमा वा आचार संहिता उल्लघन गरेमा बडा/ नगरपालिका स्तरमा रहेको गुनासो सुनवाई सयन्त्रमा तुरन्त निवेदन/ जानकारी दिनेछु ।
१८. कार्यस्थलमा कसैले यौनजन्य दुर्व्याहार सम्बन्धी शक्कापद व्यावहार गरेमा वा शक्कापद कार्य गरेमा तुरन्त टोली प्रमुख /प्रबन्धकलाई जानकारी/निवेदन दिनेछु ।

माथि उल्लेखित आचार संहिता राम्ररी पढे र बुझेको छु र कार्यस्थलमा कडाईका साथ पालना गर्दछु भनी हस्ताक्षर गर्दछु ।

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व्यवस्थापक/टोली प्रमुख

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कर्मचारी/कामदार

Annex VIII: Stakeholder Consultation Details

1. Gaighat town planning area Road Section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
5/24/2080	KII	Shahi kumar Tuladhar Chairperson, Himali tole bikas sastha	• Must be Quality Road structures • Side drain must be made on both side of the road. • Must start the construction work as soon as possible.	Project emphasis that there will be no compromise on the quality of the road structure. Proper monitoring will be done to the contractor.
2080/06/11	FGD	Ramesh Dahal and other Jyotinagar tole members (Participants: 7M/3F, including 6IPs)	• Mainly emphasized on the quality of road and the material that will be used during the construction. • Must be safe and clean side drain.	We clarify that project will monitor for the quality and side drain will be made clear.
2080/05/24	FGD	Shahi kumar Tuladhar Chairperson and other members of Himali tole bikas sastha, (Participants: 9M/3F)	• Focused on the quality road structure. • Must be completed on time. • Must be drainage on both side of the road	Project emphasis that there will be no compromise on the quality of the road structure. Proper monitoring will be done to the contractor.
2080/05/24	Meeting	Shashi Kumar Tuladhar and Himali tole members/Locals	• Must be drainage on both side of the road. • Local people must be used during the construction phase. • Training must be given.	Project will address the drainage in the design. It will also take care of local labor as far as possible. There will be training program for the

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
		(Participants: 10M/4F)	Environmental problem must be taken seriously.	local labor. Environmental issues will be carefully addressed.
2080/06/11	Meeting	Bharat Prasad Chaudhary and members of Jyotinagar tole bikas (Participants: 17M/2F)	- Very happy to help for the completion of the project. - Willing to work in the project. - Focused on the opportunity of local people to work in the project. - Water must be sprayed during the construction phase.	We clearly mention that local manpower will be used as far as possible and all other environmental and social issues will be seriously addressed.

City Hall simaltar Gaighat Diktel road section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
2080/05/11	FGD	Devi Prasad Khatiwoda and members of Shivalaya tole bikas Sastha, W-11 (Participants: 9M/2F)	- No objection for the construction of the road. - ROW is clear. - Quality of must be maintained. - Must be completed on time	We thank them for their support and promised that the project will be completed on time.
2080/05/11	FGD	Nabin Karki and members of Indreshwor tole bikas Sastha, W-11 (Participants: 10M/1F)	- Row is clear already in 2055 BS as 20m. - No objection on the clearance of the ROW. - Difficulty for the pedestrian on this existing road - No any GBV.	We assured them that project will be completed as soon as possible.

2080/05/11	Meeting	Devi Prasad Khatiwoda and other tole members of Shivalaya tole bikas Sastha, W-11 (Participants: 15M/3F)	• Must start work as soon as possible • Must be environmentally friendly • No any obstacles for the completion of the road project	We made them clear about the completion date of the project and also mention that the environmental and social issues will be address properly.
2080/05/12	Meeting	Nabin Karki and members of Indreshwor tole bikas Sastha, W-11 (Participants: 14M/6F)	• Must complete the project with quality work. • Local people have to be involved in the construction work. • Training to the local people should be given.	As already stated, that the project will be completed on time and issues related to the local empowerment and local labor force will be timely addressed. ESMP will be strictly followed.

Babarani DM Gate Road Section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
2080/05/12	FGD	Tek Bahadur Thapa and members of Babarani Tole bikas, Ward-11 (Participants: 10M/1F)	• Must start work and work must be of good quality. • Road must be completed on time. • Dust and other environmental must be settled during construction phase. • Local people must be given chance to work for their income and must provide training.	The project completion date is made clear. We also focused that local people will be taken for the construction work as soon as possible. Environmental problems will be addressed timely and promptly.
2080/05/12	Meeting	Bishnu Shrestha, Ward member and Locals of	• Quite happy to know that construction will be started as soon as possible. • No any social and environmental issues	Project is very serious about the local work force so that there will be limited effect to the natural

		Ward-11 (Participants: 18M/3F)	• Must be completed on time. • Local people must be used during construction work,	resources. Environmental issues will be addressed on time. Water will be sprayed during the construction phase.
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Fulchowk PG Chowk Road Botetole Triyuga Corridor section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
2080/05/07	FGD	Tara Prasad Chaudhari and members of Fulchowk tole, Ward-12 (Participants: 11M/0F)	• Very delay for the start of the work. • Very poor condition of the existing road and very difficult for the pedestrians. • No any environmental and social issues.	We clearly told them that the work will be completed on time. Environmental issues will be address properly during the construction phase.
2080/05/07	FGD	Lawa Dhakal and members of Anamnagar tole bikas, Ward-12 (Participants: 5M/6F)	• Very necessary to start this work as soon as possible. • Must be quality road structures. • Local people must be used for the labor work force.	Project will be completed on time. Quality of the road will be monitor regularly by the concern authorities. Local manpower will be used as far as possible.
2080/05/07	Meeting	Narman Bot Ward 12 Chair and Locals (Participants: 15M/3F, All IPs)	• Very happy to know that the work will be started soon. • ROW is clear and people are very willing to help the project. • Must be good quality of road. • Training for the local people must be provided.	Completion time was stated and quality of the road is assured. Environmental and social problems will be addressed promptly.

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
			Dust and other environmental problems must be settled by the project during the construction of the road	
2080/05/07	Meeting	Shankar Bahadur Kathayat and Locals of Ward 12 (Participants: 12M/7F)	- Road ROW is clear municipality in 2055 BS. - No issues on the environmental and social part. - Women empowerment must be taken into consideration. Road safety must be taken seriously during construction phase.	Different training program, awareness campaign will be done by the concern authorities. Road safety and safety signboard will be installed on every alignment on the regular interval and as per need.

City Hall Ramchandra Basnet house Road Section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
2080/05/09	FGD	Sabina Phuyal and other members of Namuna Marga tole bikas sastha (Participants: 5M/7F)	Must be completed the project on time.	Project will be completed on time. There is no permanent structure and big trees in the alignment so there are no any environmental and social issues.
2080/05/12	Meeting	Bishnu Shrestha, ward member and Locals of Ward-11 (Participants: 14M/12F)	- Very willing to help for the project. - Must start the work as soon as possible. - Quality must be assured. - Dust must be controlled during the constructing work.	Road safety and children safety measure will be taken very seriously. Quality of work will be monitored very seriously. Work will be completed on time.

Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting Road Section

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project
2080/06/08	FGD	Bhabindra Khatri and other members of Ramailodanda tole bikas Sastha (Participants: 7M/4F)	- Requested for the fast work to be completed. - Willing to help for the project as far as possible. - No GBV and other social related issues.	Project will address all the environmental and social issues if any arise during the construction stage as well as operational stage. Awareness program will be provided to the local people.
2080/06/08	FGD	Kalpana Khatri and other member of Yakata women group of Ramailodanda tole (Female: 10 nos.)	- Work must be done effectively and efficiently. - Very willing to help for the project	We highly appreciate the people of this area and promise them to start the work as soon as possible.
2080/06/08	Meeting	Subindra BK, ward chair and members of Ramailodanda tole bikas Sastha (Participants: 6M/7F)	- Very willing to help the project. - Must be careful during construction phase. - Quality of road must not be compromised	Project will closely monitor the quality of the road, Environmental and social issues will be addressed timely and promptly.
2080/06/08	Meeting	Kalpana Khatri and other member of Yakata women group of Ramailodanda tole (Female: 10 nos.)	- Women must be given priority for the work during the construction phase. - Must be completed the work on time. - Very difficult to walk at this existing condition. - Proper training must be provided to the local people.	Project will emphasis for the women empowerment and training on the different aspect will be provided to the local people. Construction of the road will be completed on time and with quality road structures.

Date	Consultation Type	Composition of Participants	Issues Raised	Response from Project

Pragati tole kha (Quarter front) ko road to sakela road

Date	Consultation type	Composition of participants	Issues raised	Response from project
2080/05/23	FGD	Gita Rai, Chairperson of Sakela tole bikas Sastha and sakela tole members, Ward-11 (Participants: 0M/11F)	• Quite positive and enthusiastic to support the project to construct the road. • Road must be completed on time with quality road structures. • Women should encourage to work and must provide training for the women groups for their empowerment • Road construction should begin soon	The project will carefully design the road. Women group training and empowerment will be seriously taken.
2080/05/25	FGD	Aasha Rai and members of Sakela Women Group, Ward-11 (Participants: 12 female)	• Difficulty using the road due to poor existing condition. • IPs women should be given more priority. • No sexual offense. • Some gender related violence.	Project made clear that project will be completed on time. Local women will be given priority to work and for training as well. Campaign and awareness programs will be conducted for GBV and SH.
2080/05/25	FDG	Tilak Bahadur Katuwal and members of Janajyoti tole bikas Sastha, Ward-13 (Participants: 6M/4F)	• All ready to clear ROW and no trees and houses are within the ROW. • No any conflict issue for the construction of the road. • Must start to construction as soon as possible. • Water must be sprayed during construction phase. • Plantation must be done on both side by the project	There will be no impact on structures except for some trees sapling. Proper ESMP will be followed. Also Project assured that plantation will be done and the cost will be incorporated.

Date	Consultation type	Composition of participants	Issues raised	Response from project
2080/05/23	Meeting	Gita Rai and locals of Sakela tole bikas Sastha, Ward-11 (Participants: 6M/24F)	- Public are positive for construction. - Construction of road needs to tender fast. - Women empowerment should be focused - Public are okay and will help for the project to complete smoothly. - Environmental issues should be addressed on timely and properly	Made clear about the completion date of the project and made sure that all other issues will be address accordingly.
2080/06/12	Meeting	Kala Rai and members of Sakela tole, Ward-11 (Participants: 17M/22F)	- Quit concern about labors that are needed during construction phase. - Training for the local people should be given. - Quality of road should not be compromised. - Willing to help for the project.	Project made them sure that the labors will be taken from the local level as far as possible. The training will be given for the workers prior to the start of the project. Quality of the road will not be compromised.

Annex IX: Existing electric pole details

Table 7-15: Existing electric pole details

SN	Chainage	Direction	Name of the Road	SN	Chainage	Direction	Name of the Road
1	0+330	Left	Babarani to DM gate	83	1+310	Left	City Hall to Simaltar
2	0+380	Left	Babarani to DM gate	84	1+375	Left	City Hall to Simaltar
3	0+410	Left	Babarani to DM gate	85	1+430	Left	City Hall to Simaltar
4	0+445	Left	Babarani to DM gate	86	1+690	Right	City Hall to Simaltar
5	0+005	Left	Town Planning 1	87	1+870	Left	City Hall to Simaltar
6	0+030	Right	Town Planning 1	88	1+920	Left	City Hall to Simaltar
7	1+125	Left	Town Planning 1	89	1+935	Left	City Hall to Simaltar
8	1+135	Left	Town Planning 1	90	1+985	Left	City Hall to Simaltar
9	1+150	Left	Town Planning 1	91	2+120	Left	City Hall to Simaltar
10	1+170	Left	Town Planning 1	92	2+225	Right	City Hall to Simaltar
11	1+195	Right	Town Planning 1	93	2+275	Right	City Hall to Simaltar
12	0+210	Right	Town Planning 1	94	2+330	Right	City Hall to Simaltar
13	0+225	Right	Town Planning 1	95	2+375	Right	City Hall to Simaltar
14	0+250	Right	Town Planning 1	96	2+510	Right	City Hall to Simaltar
15	0+310	Left	Town Planning 1	97	0+020	Left	Ramchandra Basnet
16	0+330	Right	Town Planning 1	98	0+065	Left	Ramchandra Basnet
17	0+380	Right	Town Planning 1	99	0+145	Left	Ramchandra Basnet
18	0+435	Right	Town Planning 1	100	0+170	Left	Ramchandra Basnet
19	0+470	Right	Town Planning 1	101	0+225	Right	Ramchandra Basnet
20	0+510	Left	Town Planning 1	102	0+005	Left	Shivalaya Tole Ramailo Dada
21	0+580	Left	Town Planning 1	103	0+040	Right	Shivalaya Tole Ramailo Dada
22	0+650	Left	Town Planning 1	104	0+085	Left	Shivalaya Tole Ramailo Dada
23	0+675	Left	Town Planning 1	105	0+150	Left	Shivalaya Tole Ramailo Dada
24	0+725	Left	Town Planning 1	106	0+200	Left	Shivalaya Tole Ramailo Dada
25	0+740	Left & Right	Town Planning 1	107	0+245	Left	Shivalaya Tole Ramailo Dada
26	0+755	Left	Town Planning 1	108	0+290	Right	Shivalaya Tole Ramailo Dada
27	0+775	Right	Town Planning 1	109	0+310	Left	Shivalaya Tole Ramailo Dada

SN	Chainage	Direction	Name of the Road	SN	Chainage	Direction	Name of the Road
28	0+790	Left	Town Planning 1	110	0+330	Left	Shivalaya Tole Ramailo Dada
29	0+815	Right	Town Planning 1	111	0+355	Left	Shivalaya Tole Ramailo Dada
30	0+840	Right	Town Planning 1	112	0+405	Left	Shivalaya Tole Ramailo Dada
31	0+865	Right	Town Planning 1	113	0+465	Left	Shivalaya Tole Ramailo Dada
32	0+915	Right	Town Planning 1	114	0+485	Left	Shivalaya Tole Ramailo Dada
33	0+925	Left	Town Planning 1	115	0+510	Left	Shivalaya Tole Ramailo Dada
34	0+935	Right	Town Planning 1	116	0+630	Left	Shivalaya Tole Ramailo Dada
35	0+945	Right	Town Planning 1	117	0+685	Left	Shivalaya Tole Ramailo Dada
36	0+955	Left	Town Planning 1	118	0+720	Left	Shivalaya Tole Ramailo Dada
37	0+975	Right	Town Planning 1	119	0+925	Left	Shivalaya Tole Ramailo Dada
38	0+985	Left	Town Planning 1	120	0+975	Right	Shivalaya Tole Ramailo Dada
39	1+010	Left	Town Planning 1	121	1+030	Right	Shivalaya Tole Ramailo Dada
40	0+030	Left	Town Planning 2	122	1+070	Left	Shivalaya Tole Ramailo Dada
41	0+055	Left	Town Planning 2	123	1+130	Left	Shivalaya Tole Ramailo Dada
42	0+075	Left	Town Planning 2	124	1+185	Left	Shivalaya Tole Ramailo Dada
43	0+095	Right	Town Planning 2	125	1+235	Left	Shivalaya Tole Ramailo Dada
44	0+125	Right	Town Planning 2	126	1+365	Right	Shivalaya Tole Ramailo Dada
45	0+185	Right	Town Planning 2	127	1+495	Right	Shivalaya Tole Ramailo Dada
46	0+230	Right	Town Planning 2	128	1+550	Left	Shivalaya Tole Ramailo Dada
47	0+365	Right	Town Planning 2	129	1+570	Left	Shivalaya Tole Ramailo Dada
48	0+400	Right	Town Planning 2	130	1+595	Left	Shivalaya Tole Ramailo Dada
49	0+430	Left	Town Planning 2	131	0+075	Right	Pragati Tole, Section 1
50	0+489	Left	Town Planning 2	132	0+0110	Left	Pragati Tole, Section 1

SN	Chainage	Direction	Name of the Road	SN	Chainage	Direction	Name of the Road
51	0+005	Left	City Hall to Simaltar	133	0+160	Left	Pragati Tole, Section 1
52	0+045	Right	City Hall to Simaltar	134	0+230	Left	Pragati Tole, Section 1
53	0+050	Right	City Hall to Simaltar	135	0+265	Left	Pragati Tole, Section 1
54	0+110	Right	City Hall to Simaltar	136	0+295	Left	Pragati Tole, Section 1
55	0+130	Right	City Hall to Simaltar	137	0+325	Left	Pragati Tole, Section 1
56	0+155	Right	City Hall to Simaltar	138	0+360	Left	Pragati Tole, Section 1
57	0+180	Left	City Hall to Simaltar	139	0+440	Left	Pragati Tole, Section 1
58	0+210	Right	City Hall to Simaltar	140	0+465	Left	Pragati Tole, Section 1
59	0+255	Right	City Hall to Simaltar	141	0+495	Left	Pragati Tole, Section 1
60	0+290	Right	City Hall to Simaltar	142	0+530	Left	Pragati Tole, Section 1
61	0+345	Left	City Hall to Simaltar	143	0+880	Right	Pragati Tole, Section 1
62	0+355	Right	City Hall to Simaltar	144	0+925	Left	Pragati Tole, Section 1
63	0+375	Right	City Hall to Simaltar	145	0+975	Left	Pragati Tole, Section 1
64	0+395	Left	City Hall to Simaltar	146	1+130	Right	Pragati Tole, Section 1
65	0+435	Left	City Hall to Simaltar	147	1+250	Right	Pragati Tole, Section 1
66	0+470	Left	City Hall to Simaltar	148	0+020	Left	Pragati Tole, Section 2
67	0+505	Right	City Hall to Simaltar	149	0+120	Left	Pragati Tole, Section 2
68	0+525	Left	City Hall to Simaltar	150	0+155	Left	Pragati Tole, Section 2
69	0+570	Left	City Hall to Simaltar	151	0+180	Left	Pragati Tole, Section 2
70	0+610	Left	City Hall to Simaltar	152	0+335	Left	Pragati Tole, Section 2
71	0+655	Left	City Hall to Simaltar	153	0+400	Right	Pragati Tole, Section 2
72	0+710	Left	City Hall to Simaltar	154	0+530	Left	Pragati Tole, Section 2
73	0+740	Left	City Hall to Simaltar	155	0+550	Right	Pragati Tole, Section 2
74	0+765	Left,Right	City Hall to Simaltar	156	0+570	Left	Pragati Tole, Section 2
75	0+780	Right	City Hall to Simaltar	157	0+605	Left	Pragati Tole, Section 2
76	0+835	Left	City Hall to Simaltar	158	0+035	Left	Fulchowk Road
77	0+910	Left	City Hall to Simaltar	159	0+075	Left	Fulchowk Road
78	0+960	Right	City Hall to Simaltar	160	0+125	Left	Fulchowk Road
79	1+010	Right	City Hall to Simaltar	161	0+165	Left	Fulchowk Road
80	1+065	Right	City Hall to Simaltar	162	0+685	Left,Right	Fulchowk Road
81	1+085	Right	City Hall to Simaltar	163	0+710	Left	Fulchowk Road
82	1+235	Left	City Hall to Simaltar	164	0+850	Left	Fulchowk Road
Total						167	Nos.

Annex X: Photographs

Pictorial highlights of the field work



Consultation meeting with community people of Jyoti nagar tole , Town planning Road



Consultation meeting with community people of Himali tole, Town planning Road



Community consultation at Indreshworr tole of at City Hall Simaltar Road section



Community consultation with Indreshworr tole at City Hall Simaltar Road section



Consultation meeting with community people of Shivalayai tole, City Hall Simaltar Road section



Consultation meeting with Teacher of Jana Premi Basic School



Community consultation meeting at Babarani tole



Community consultation meeting at Babarani tole



Community consultation with Locals at Fulchowk



Community consultation with Locals at Amarnagr tole



Consultation with Bote community at Bote tole



Community consultations meeting at Namuna Marga of Cityhall Ramchandra Road section



Community consultation meeting at Ramailodanda tole, Gaighat Shivalaya Road section



Community consultation meetings at Ramailodanda tole, Gaighat Shivalaya Road section



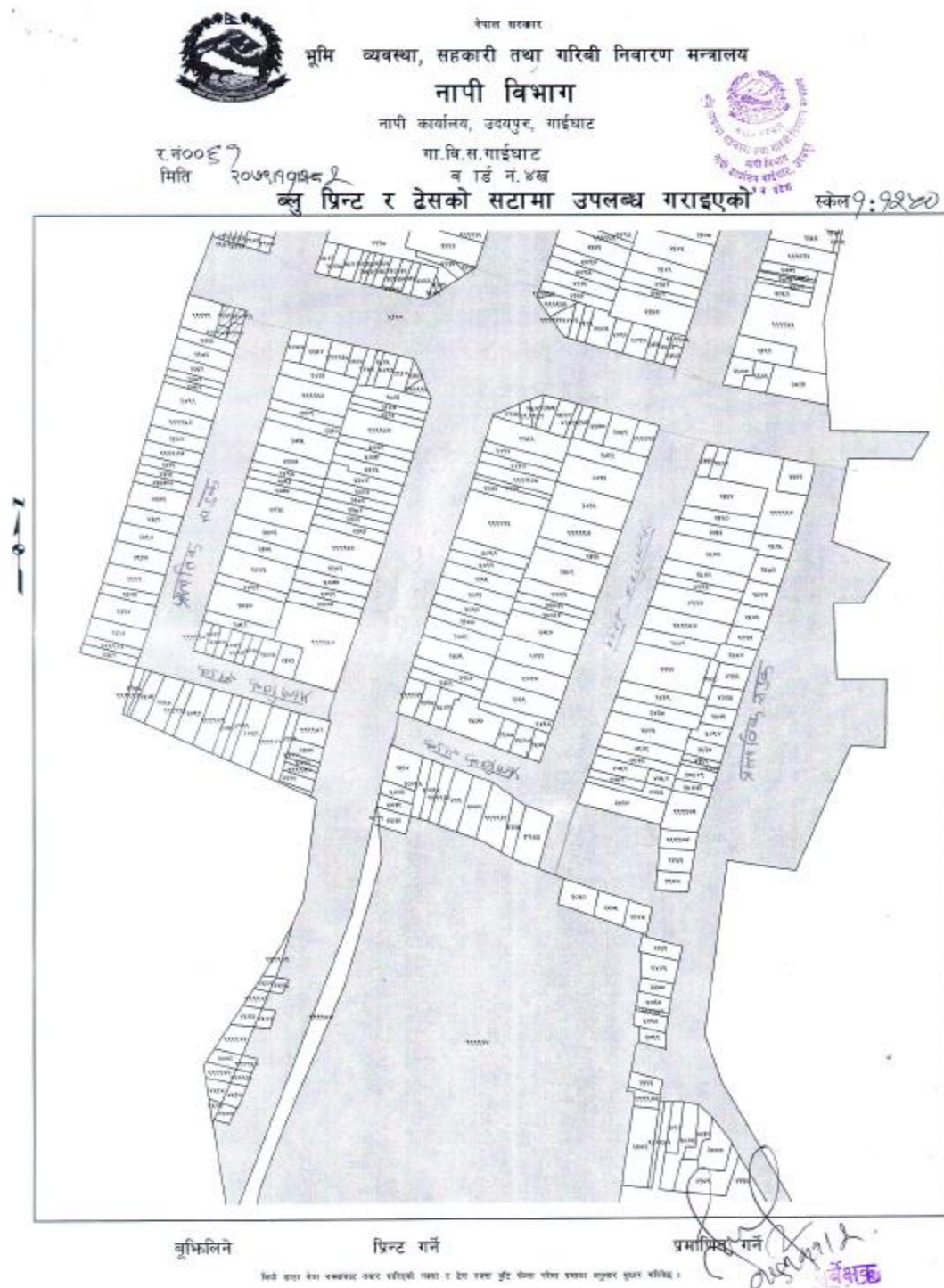
Consultation meetings at Janjyoti tole, Pragati tole road section



Consultation meeting at Sakela tole, Pragati tole road section

Annex XI: Cadastral Maps of Alignment

i) Town Planning Road



नेपाल सरकार

नापी विभाग

गा.वि.स.गाईघाट

वार्ड नं. ४ख

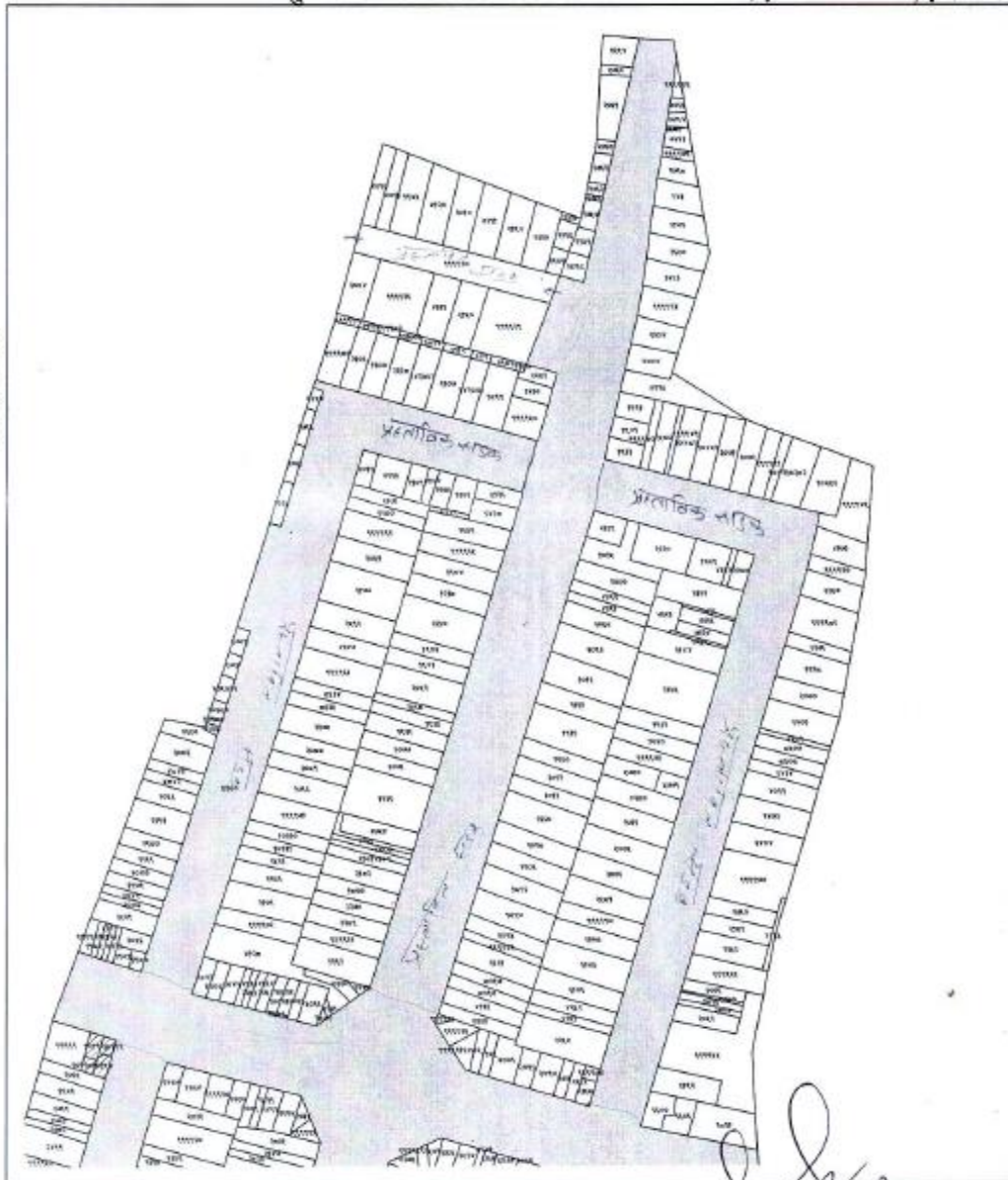
र.नं००५९

मिति

२०७९/१७७५६५

ब्लु प्रिन्ट र ट्रेसको सटामा उपलब्ध गराइएको

स्केल १: १२५०



वृष्णिलिने

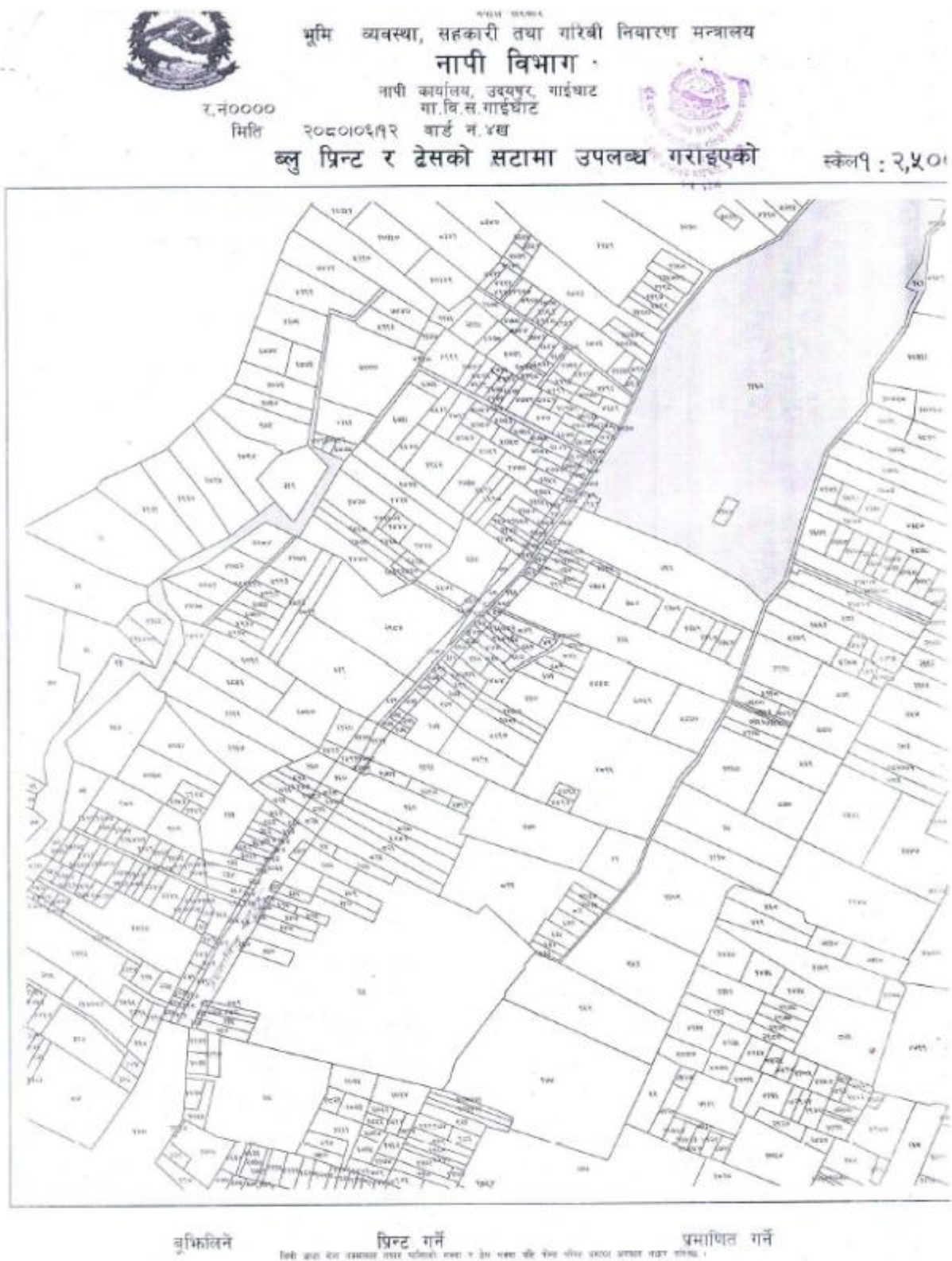
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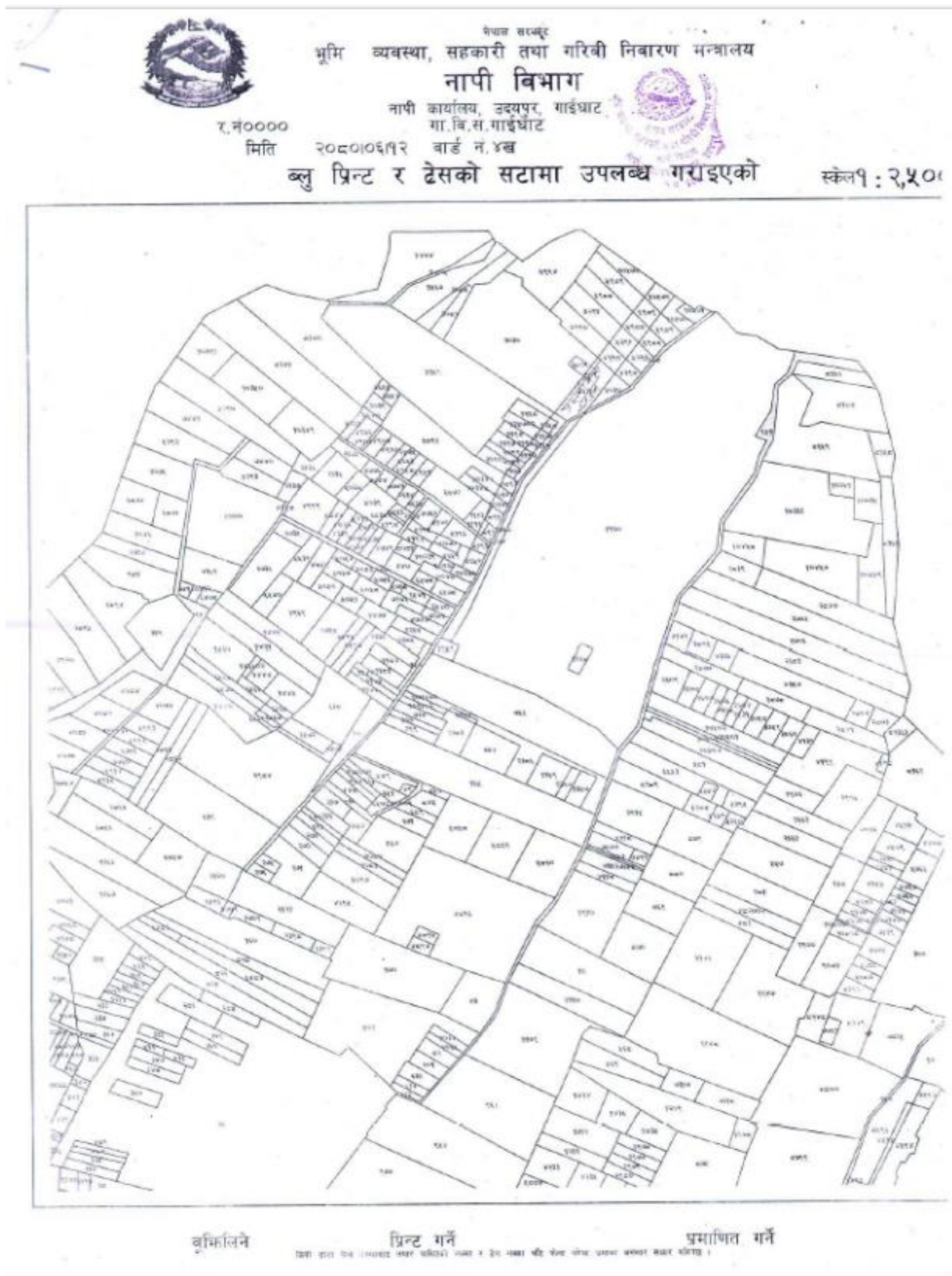
प्रमाणित गर्ने

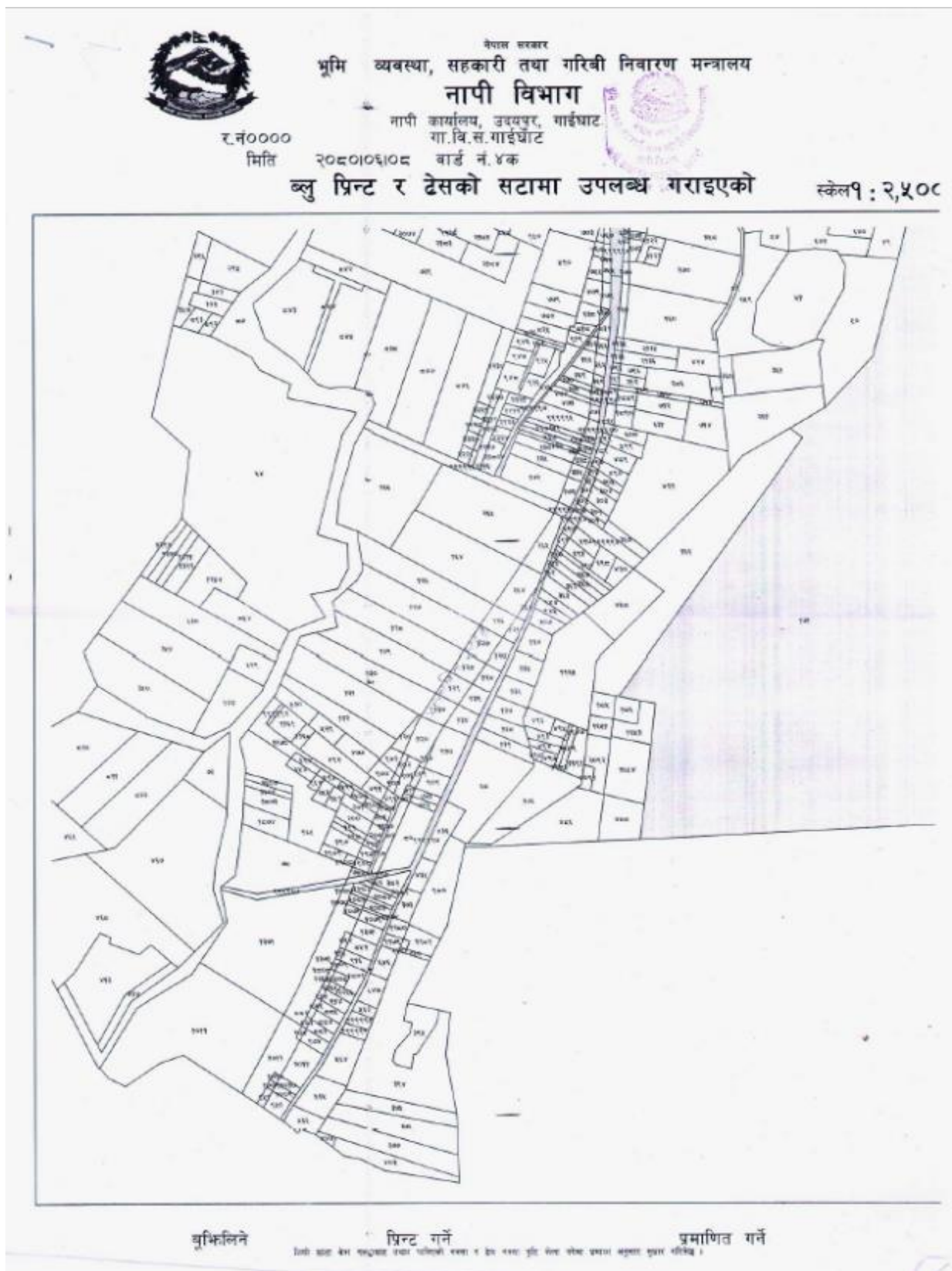
पिन्ने कडा वेळ नमोनाद त्तर भरिस्की सका र देव जगा उरि पीता रीत प्रकाश मनुष्या मूढा समिद्ध ।

अर्थक्षेत्र

ii) Cityhall Simaltar Road









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नापी विभाग

र.नं००००

मिति २०८०/०६/०८ वाई नं.४क

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १ : २,५००



बुझिलिने

प्रिन्ट गर्ने

प्रमाणित गर्ने

जसो जसो बलकमलका दस्तावेज पठाइने गरिने १ दिन भित्रमा भुट्टा फेला परेमा कानून अनुसार मुद्दा चलाइनेछ ।



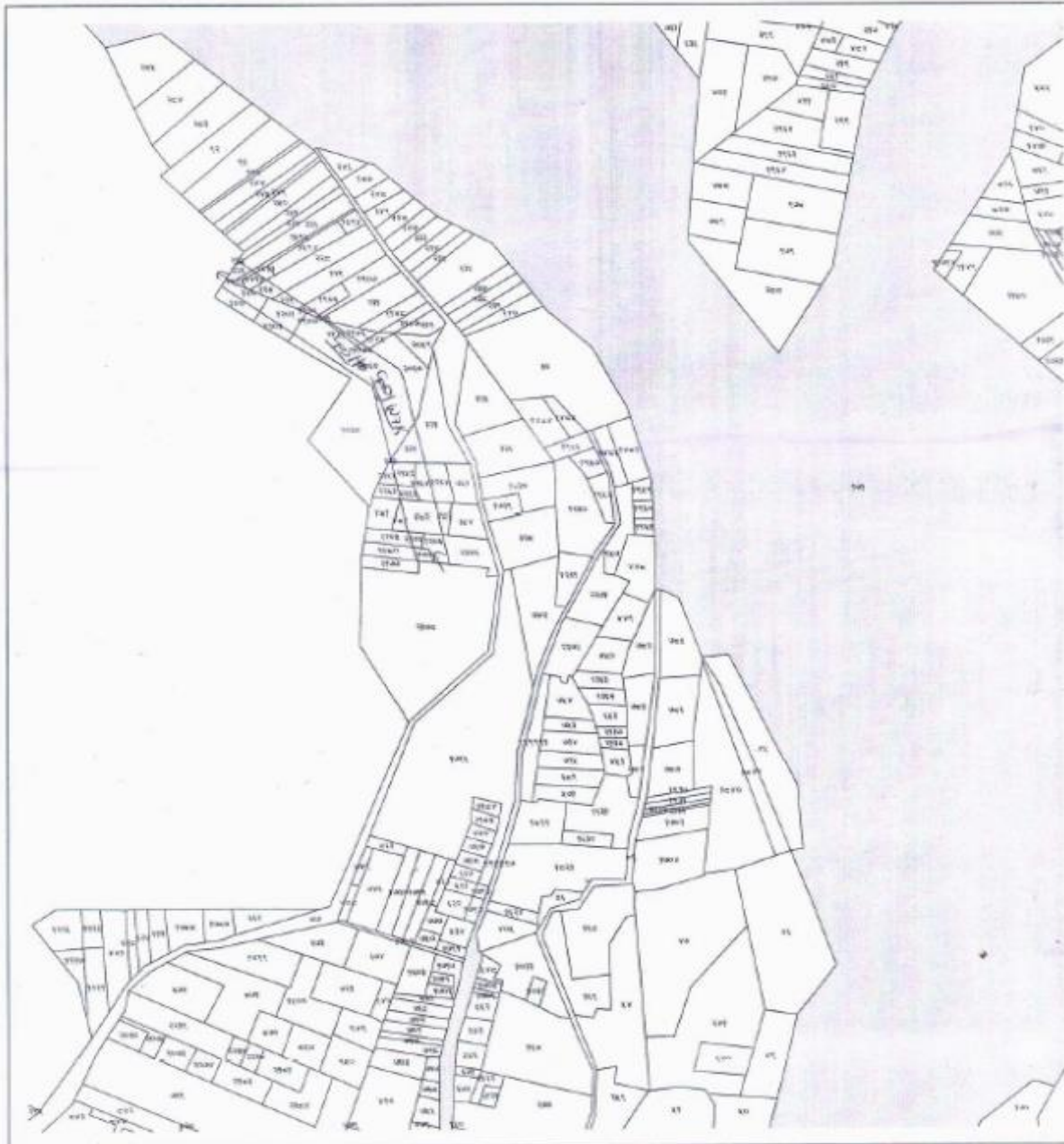
नेपाल सरकार
भूमि व्यवस्था, सहकारी तथा गरिबी निवारण मन्त्रालय
नापी विभाग

र.नं००००

मिति २०८०/०६/२४ बाई नं.४क

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १:२,५००



बुझिलिने

प्रिन्ट गर्ने

प्रमाणित गर्ने

नयाँ बाटो बनाउँदा नयाँ बाटोको नक्सा र टेसको जति नयाँ बाटो बनाउन अनुमत हुनेछ ।



मिति

वार्ड नं. ४ख

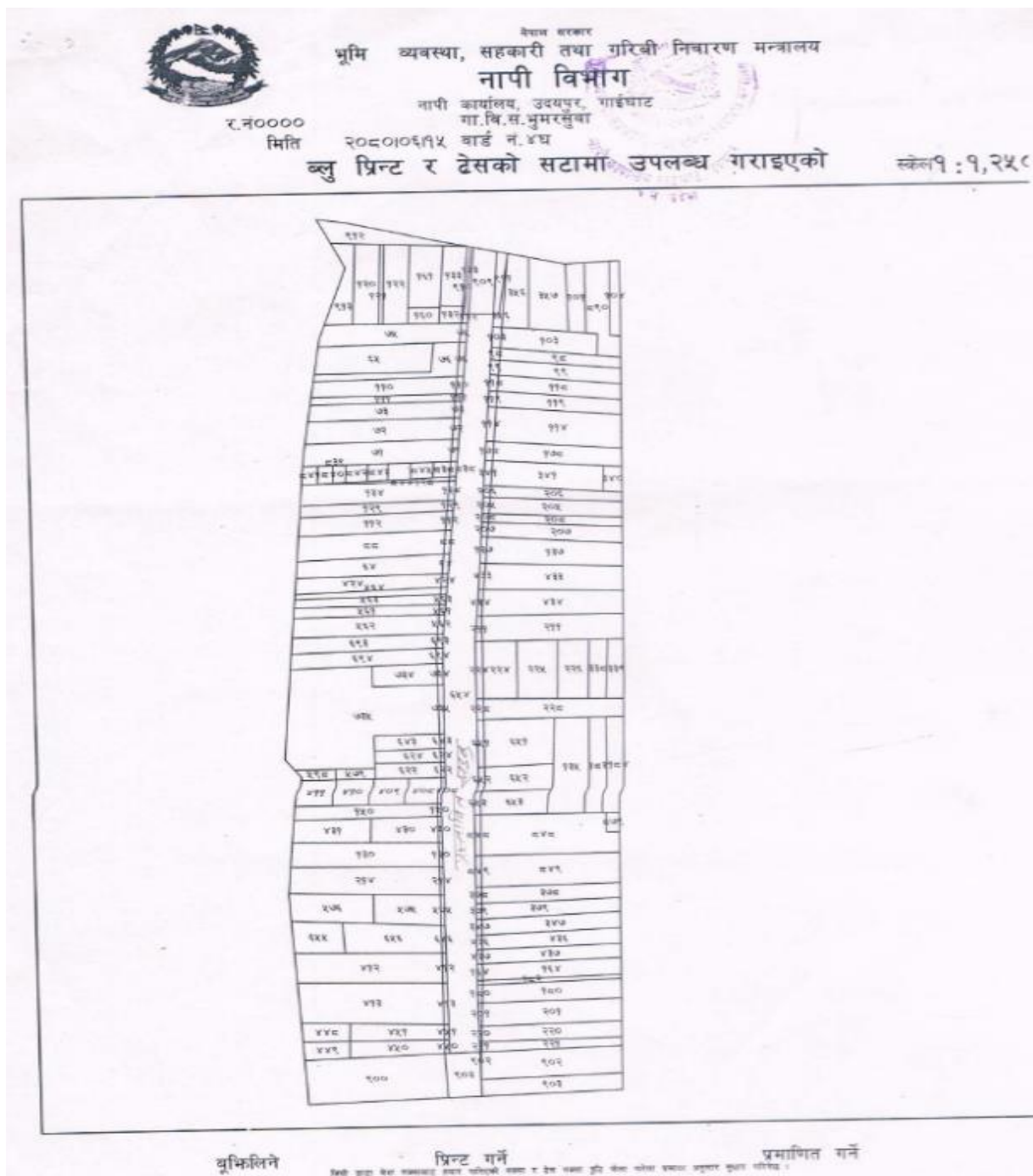
स्केल १ : २,५०।

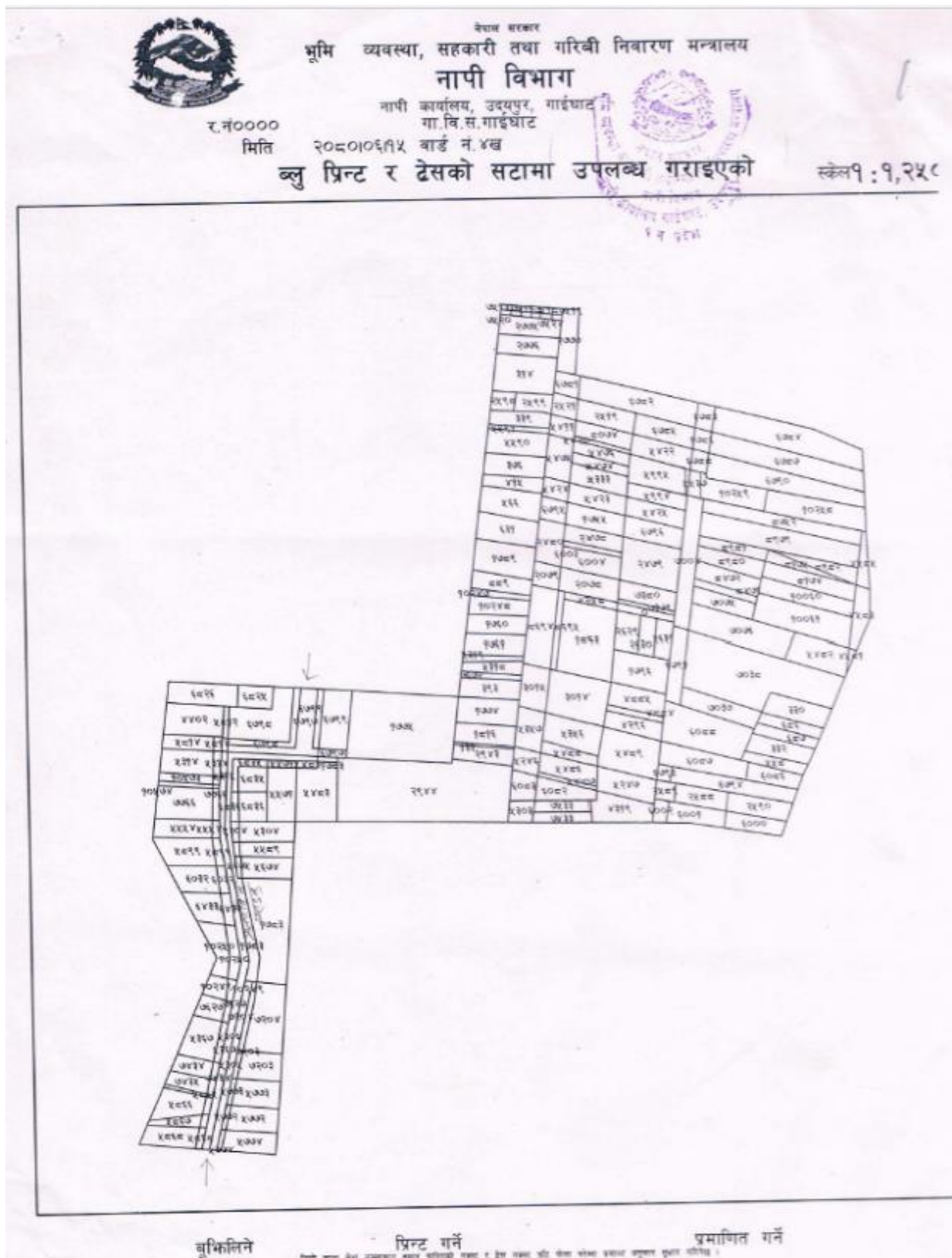


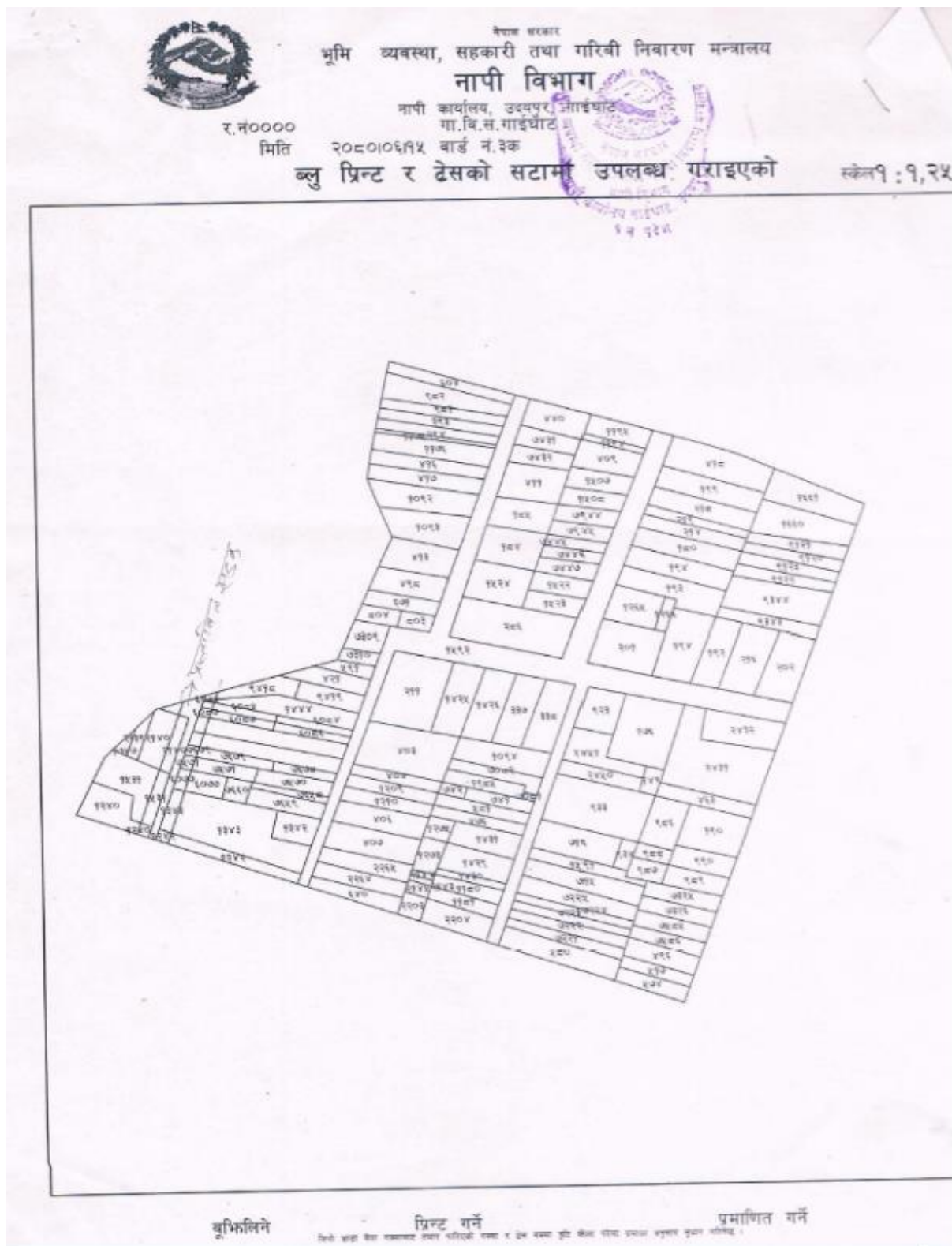
प्रमाणित गर्ने

विषय : आर्य समाज के अन्तर्गत प्रचलित धर्मग्रन्थों के सम्बन्ध में प्रश्न-उत्तर ।

iii) Babarani DM gate Road









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र.नं००००

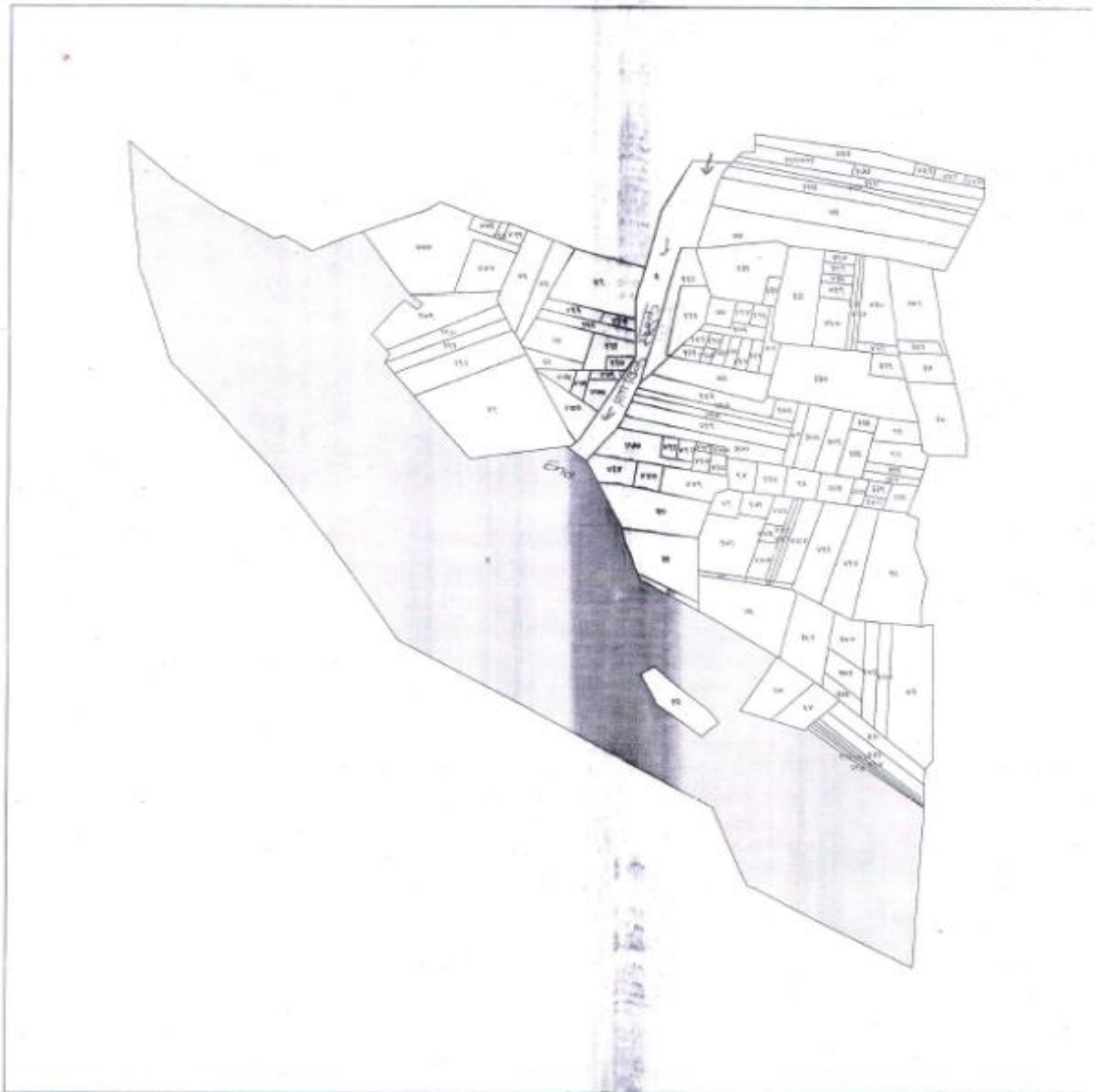
मिति

२०८०/०६/२५

वार्ड नं. ३ख

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १ : २,५००



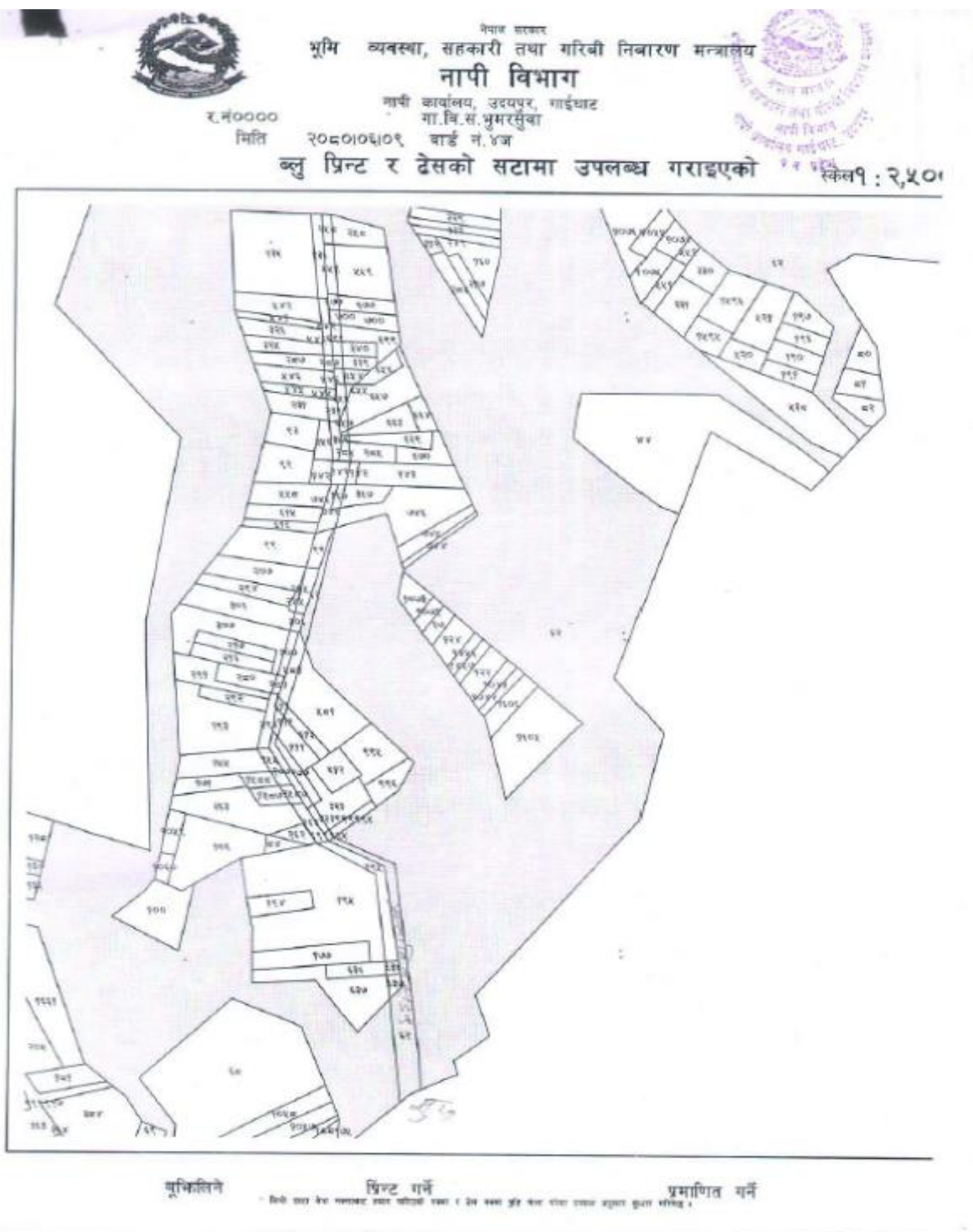
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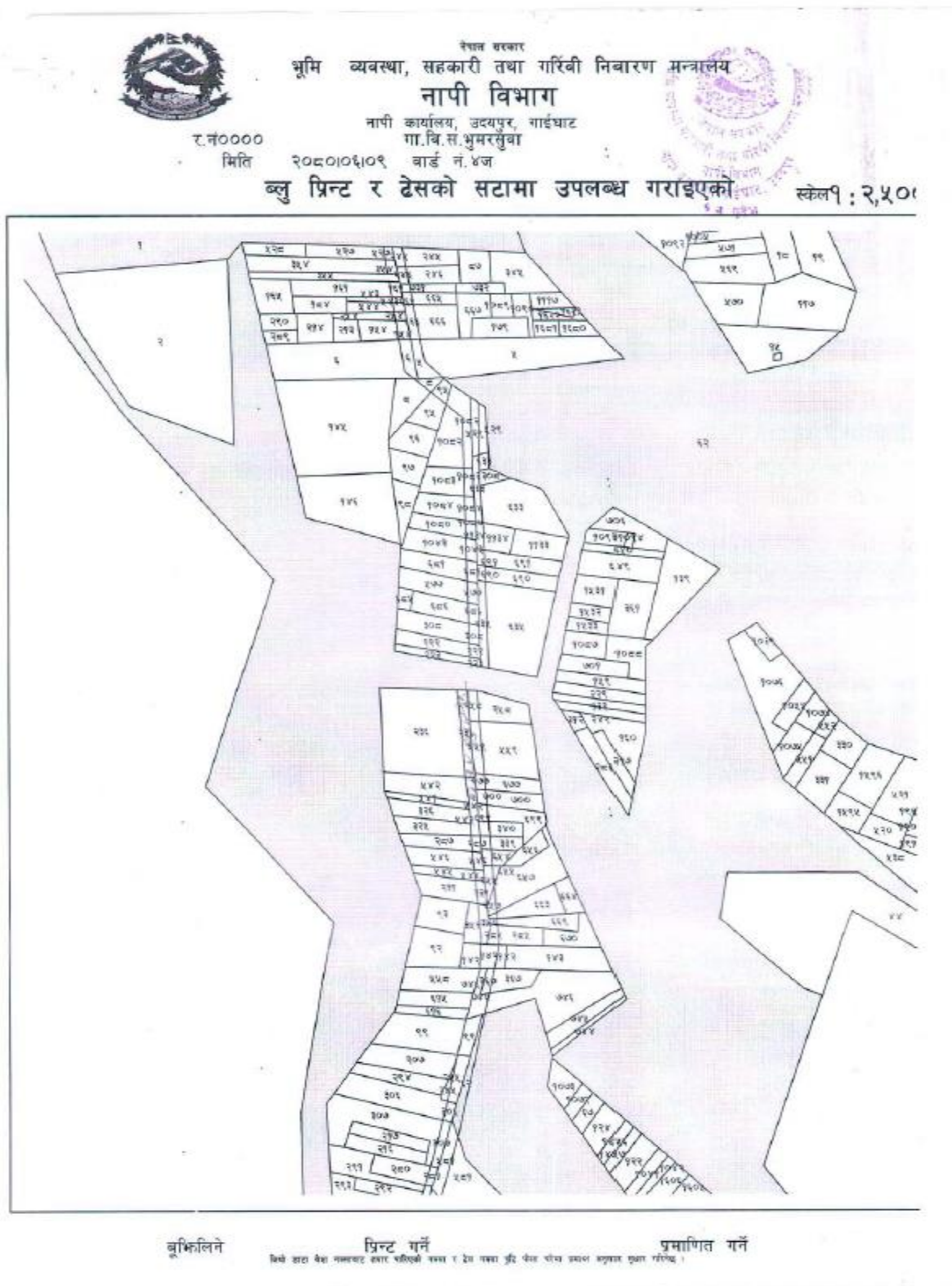
प्रिन्ट गर्ने

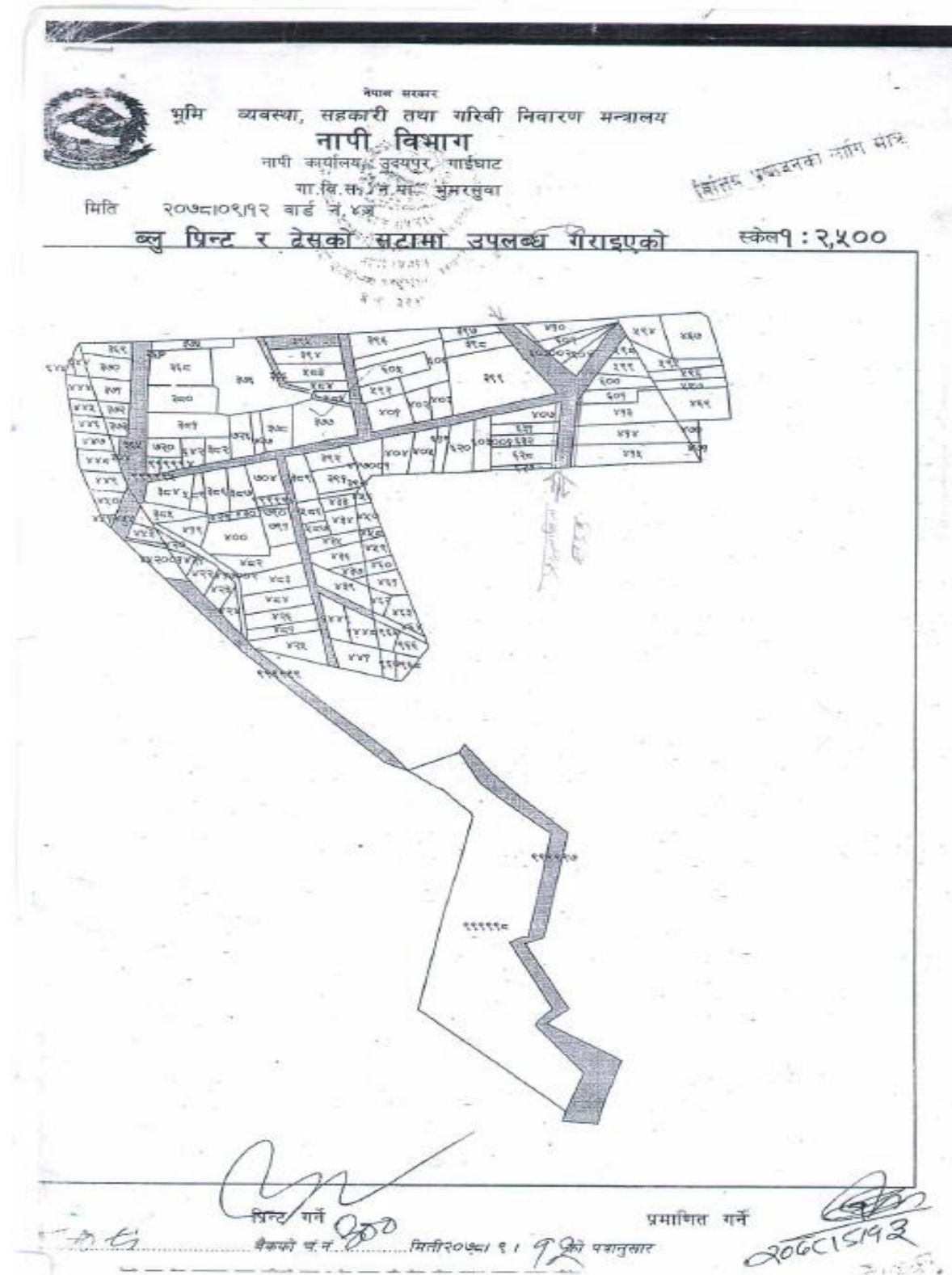
प्रमाणित गर्ने

योको प्रयोग केवल नक्साको लागि मात्र गरिनुपर्नेछ र यस नक्साको कुनै किसिमको कानुनी जवाबदारी नभएको कुरामा ध्यान दिनुपर्नेछ ।

v) Gaighat Shivalaya Road









नेपाल सरकार

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नापी विभाग

नापी कार्यालय, उदयपुर, गार्डघाट

गा.वि.स.भुमरसुवा

बार्ड नं. ४ख

र.नं००००

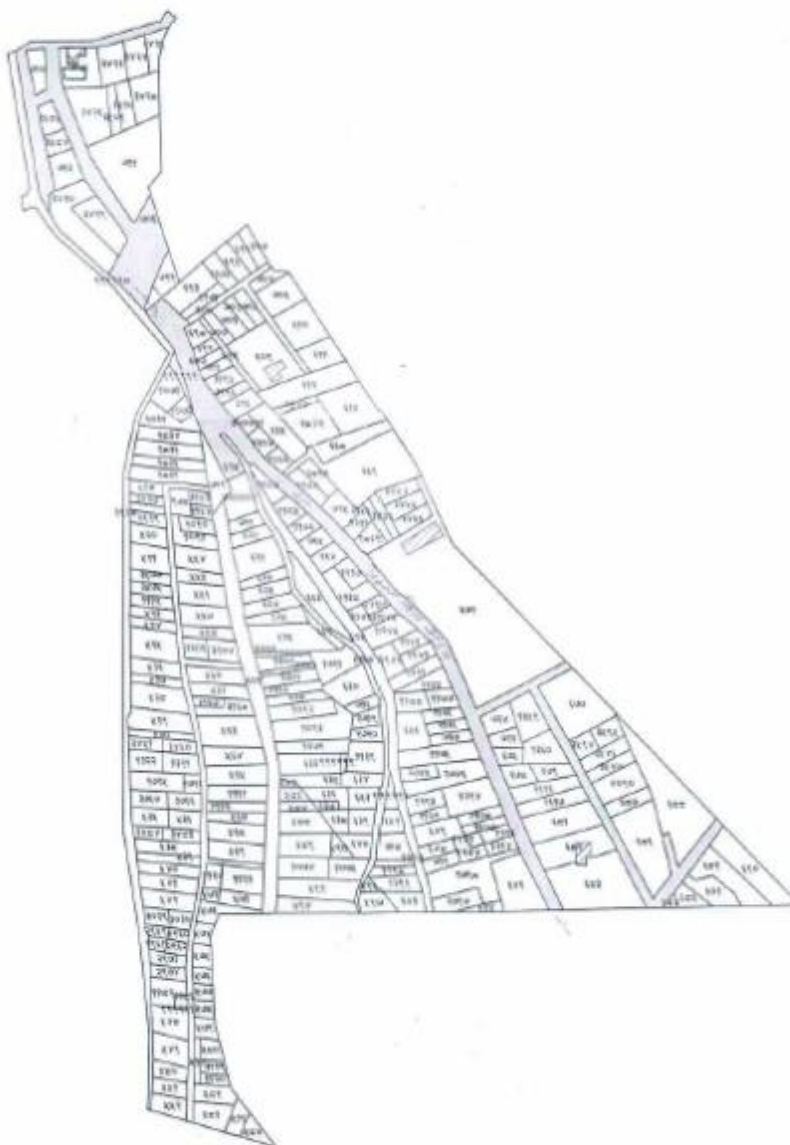
मिति

१०४९

२०७९/१२/०६

ब्लु प्रिन्ट र देसको सटामा उपलब्ध गराइएको

स्केल १:२,५००



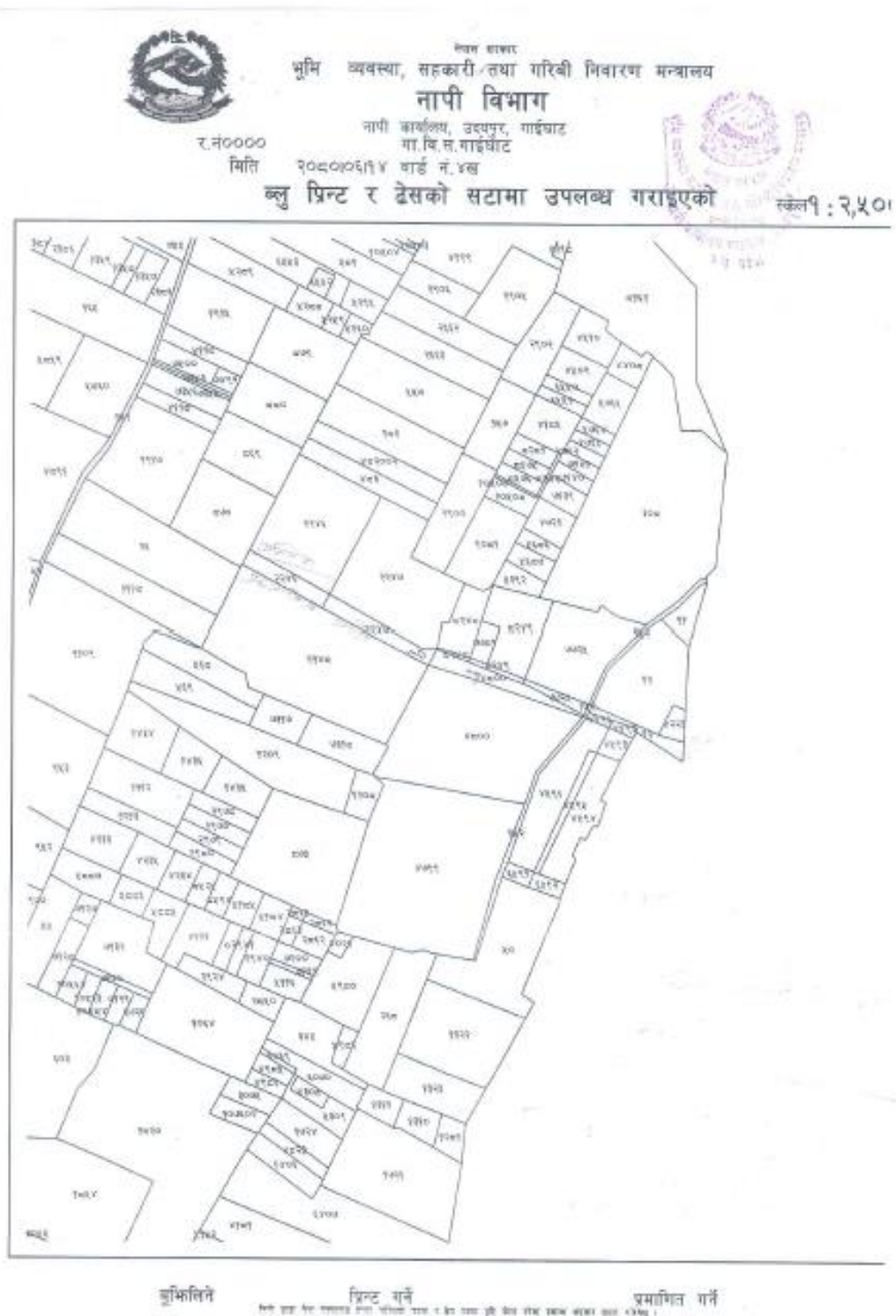
बुझिलिने

प्रिन्ट गर्ने

प्रमाणित गर्ने

सर्वेक्षक

नोट: यो नक्सा नेपाल सरकारको सम्पत्ति हो। यसको प्रयोग र प्रकाशनका लागि अनुमति आवश्यक छ।





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र.नं.००००

मिति

नापी कार्यालय, उदयपुर, गाईघाट
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२०८०/०६/१० वार्ड नं. ४ ग

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १ : २,५००



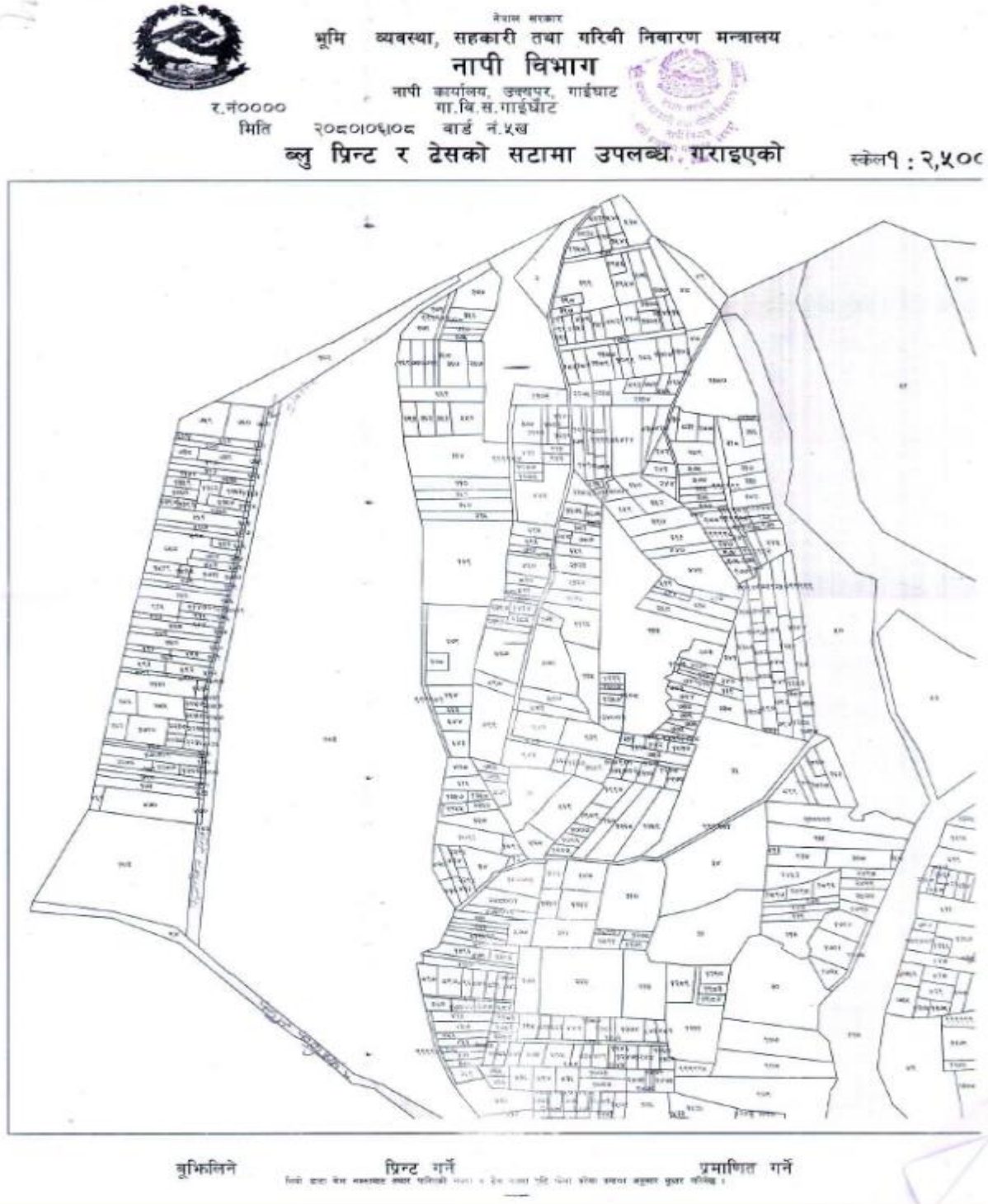
भूमिलिने

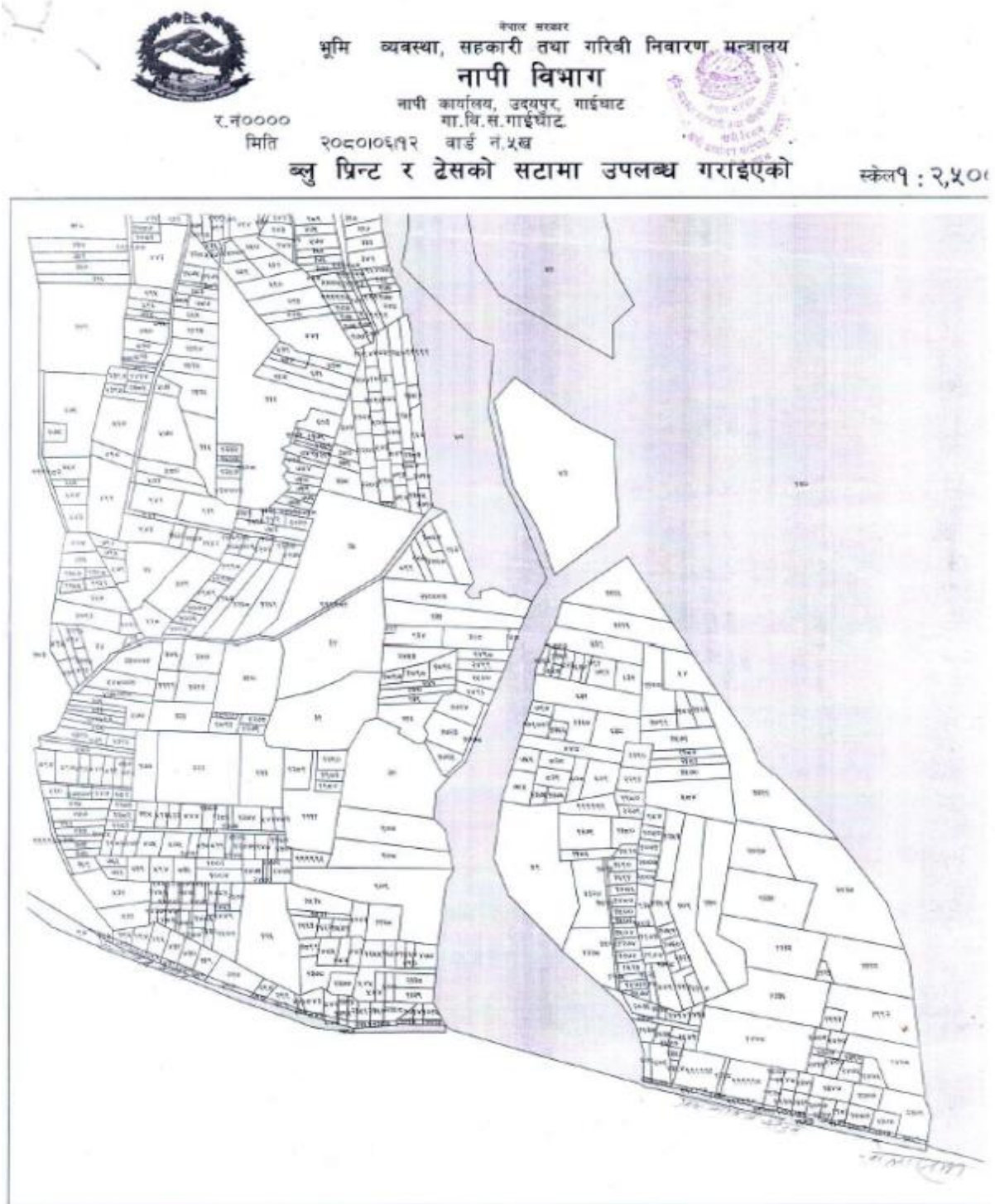
प्रिन्ट गर्ने

प्रमाणित गर्ने

विश्वी कानून तथा सम्बन्धित कानून लागू गर्ने र अन्य कानून तथा कानूनको अन्तर्गत सम्बन्धित कानून लागू गर्ने।

vii) Sagarmatha Road





सुझिलिने

प्रिन्ट गर्ने

प्रमाणित गर्ने

अन्य: डाटा भेल नक्साबाट तयार पारिएको नक्सा र यस नक्सा बाटै पाला परेको उपभोग सम्बन्धित नक्साको रूपमा।



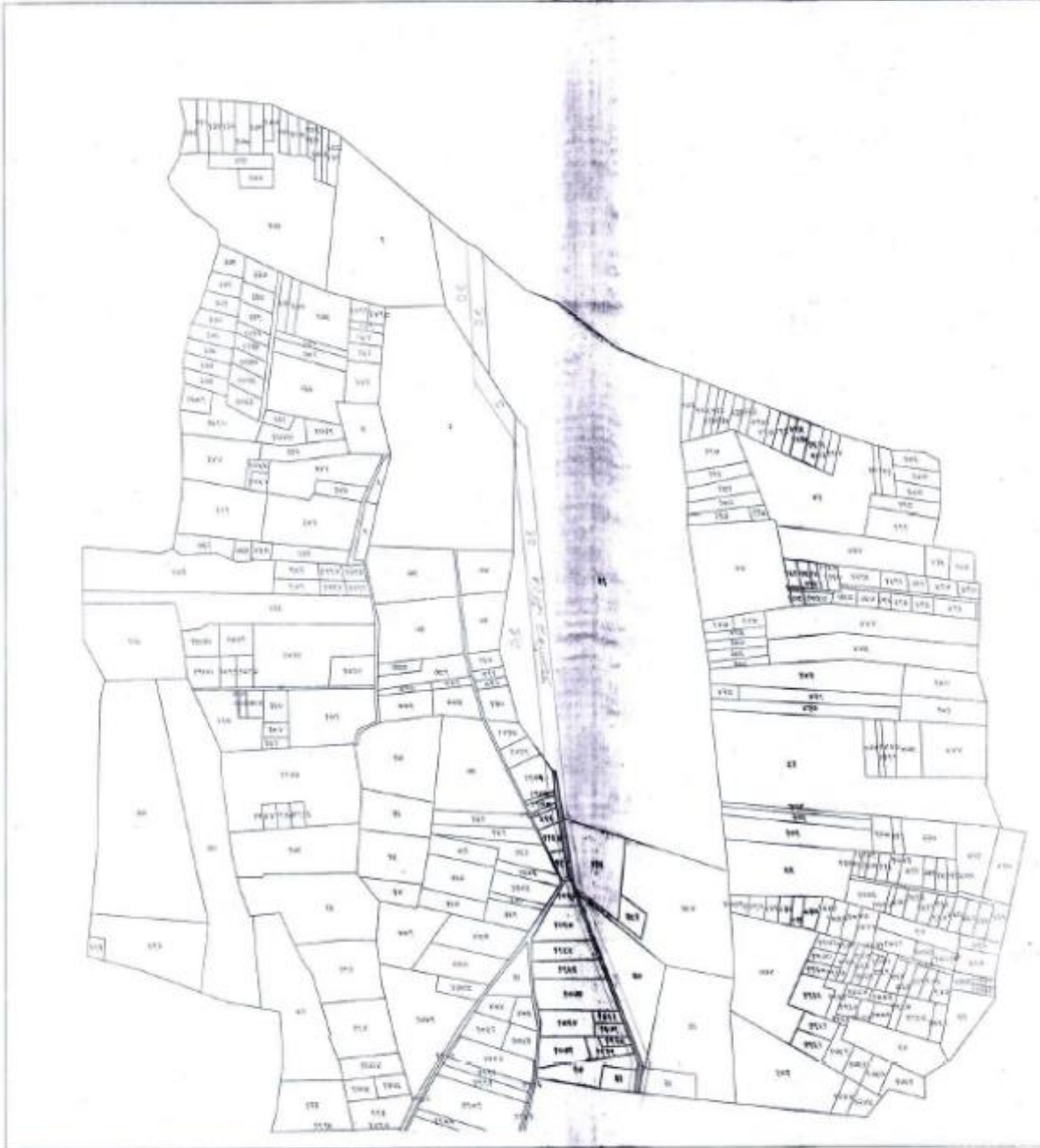
भूमि व्यवस्था, सहकारी तथा गरिबी निवारण मन्त्रालय
नापी विभाग

रु. नं०००००

मिति २०८०।०६।२५, वार्ड नं. ६क

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १ : २,५००

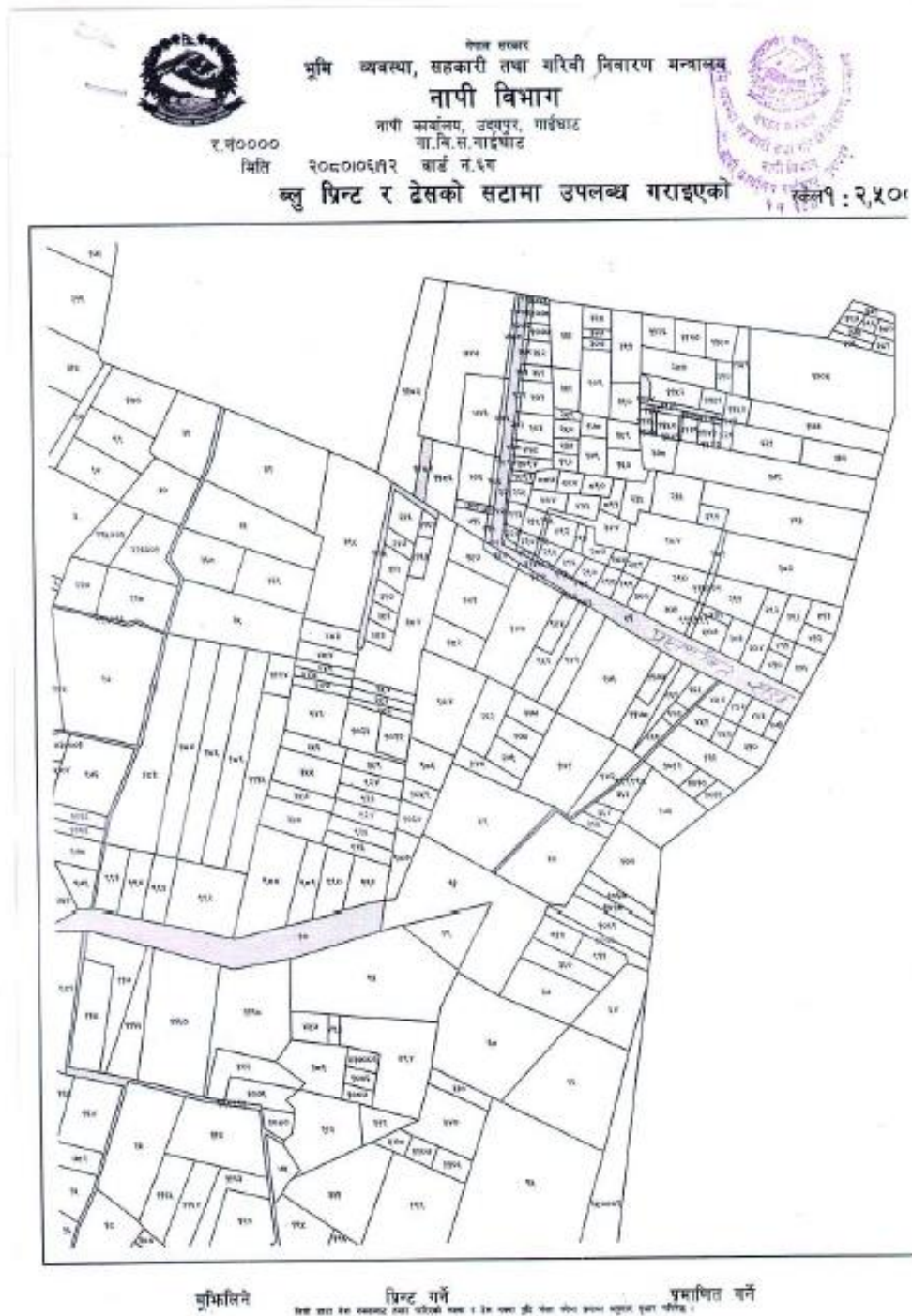


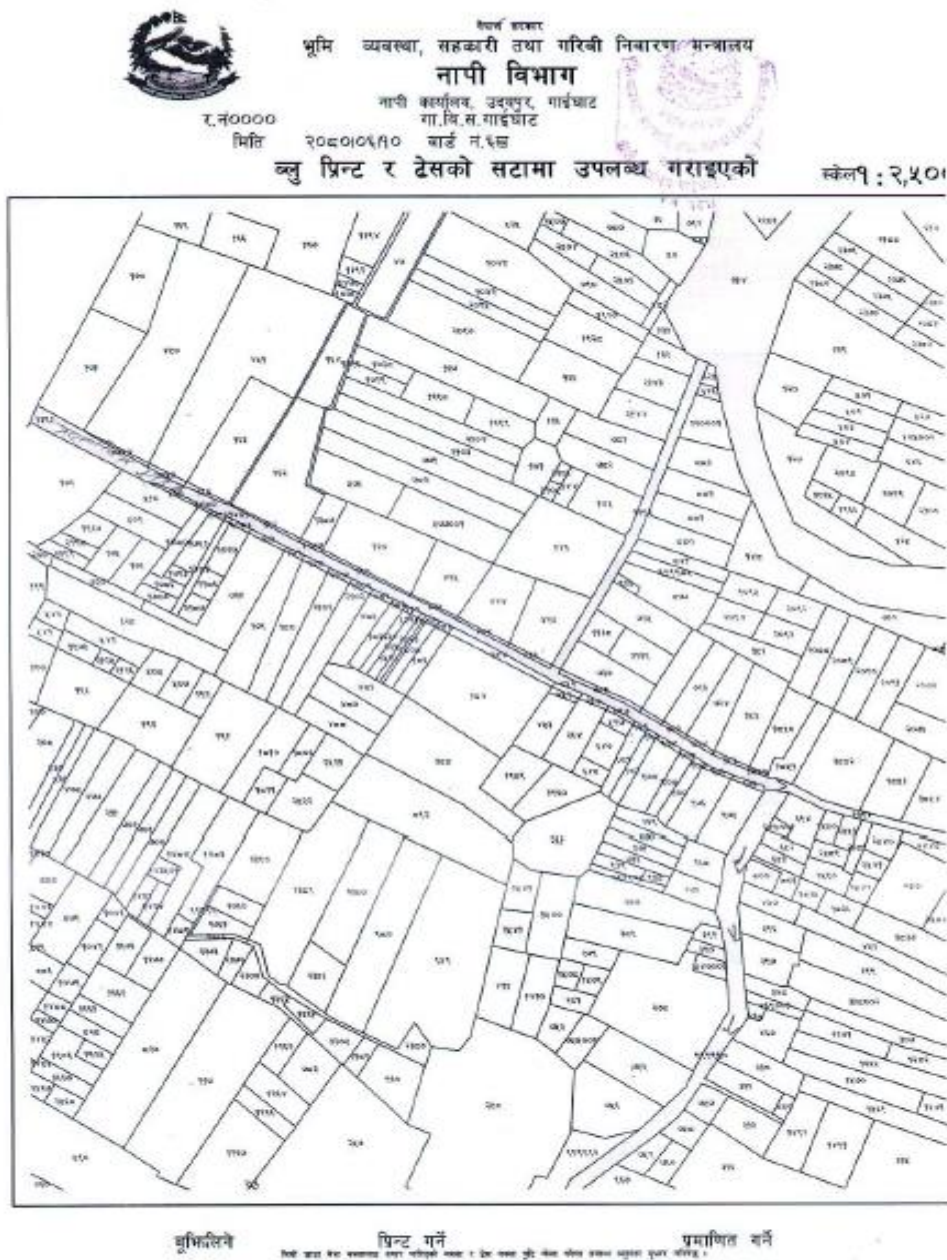
युक्तिलिने

प्रिन्ट गर्ने

प्रमाणित गर्ने

ॐ नमो भगवते वासुदेवाय ।







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नापी विभाग

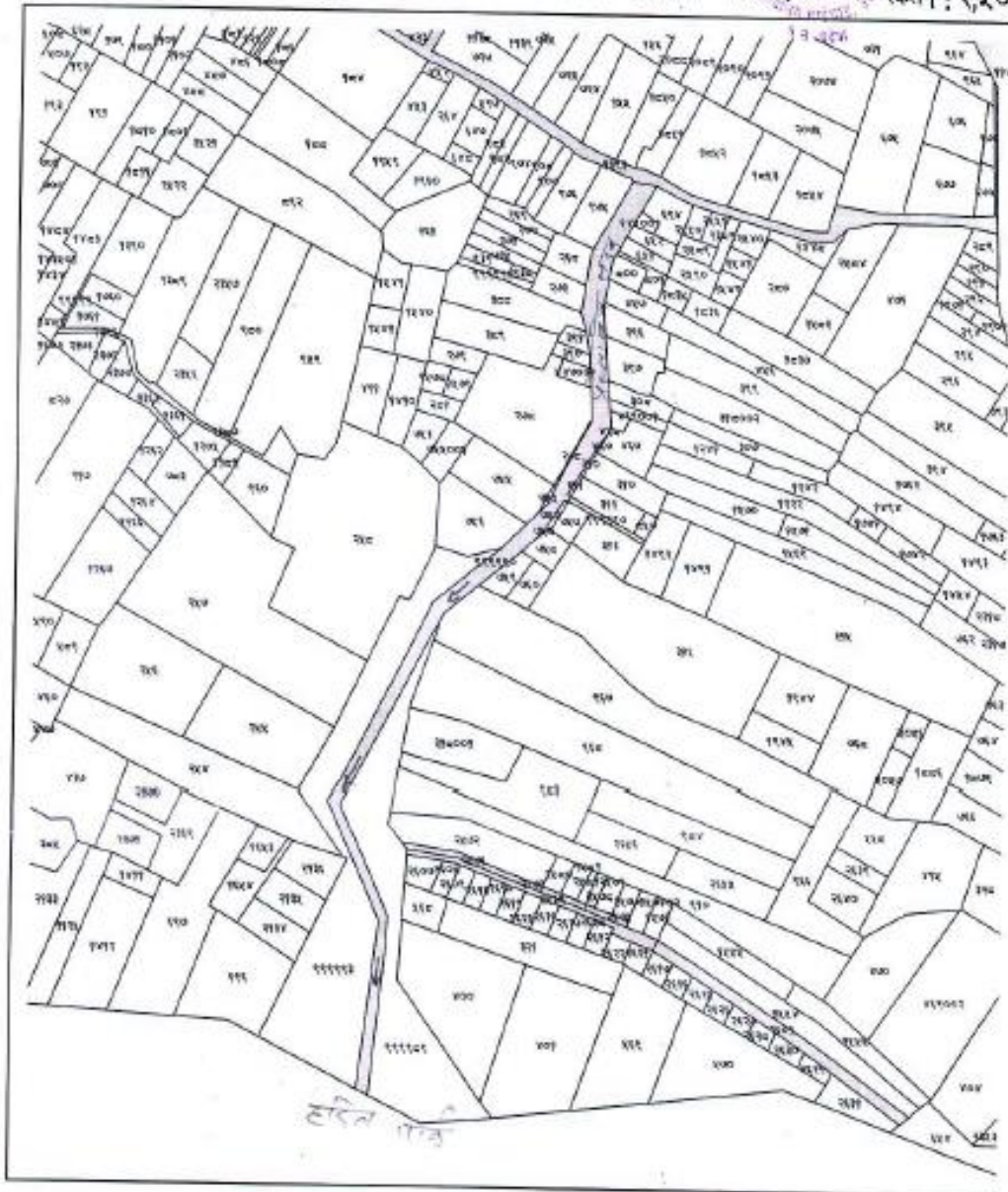
र. नं००००

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गा.वि.स.गार्इघाट

मिति २०८०/०५/११ बाई नं.५४

ब्लु प्रिन्ट र टेसको सटामा उपलब्ध गराइएको

स्केल १ : २,५००



युभित्तजिने

प्रिन्ट गर्ने

प्रमाणित करें

प्रिन्ट गर्नु

Annex XII: Alternative route

In below images: **Red lines** are **proposed road** and **Green lines** are **Alternative routes**

A) Gaighat town planning area Road Section



B) City hall- Simaltar-Gaighat- Diktel Road Section



C) Babarani DM Gate Road Section



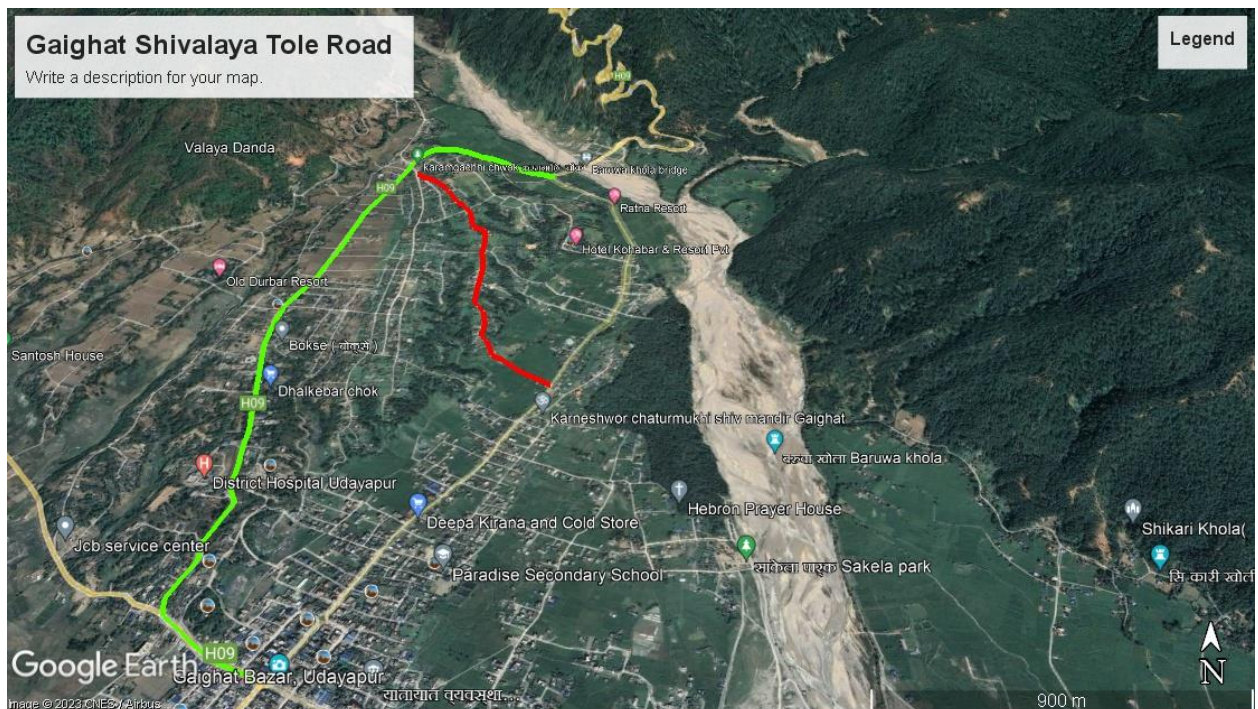
D) Fulchowk PG chowk Road Bote tole Triyuga Corridor section



E) City hall- Ramchandra Basnet house section



F) Gaighat Shivalay tole-Adarsha tole-Ramailo danda Manmohan school to Karamgachhi Diktel connecting Road Section



G) Pragati tole kha (In front of Quarter) ko road to sakela road ward 12 Road section

